

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight August 14, 1920.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship	Arrived at port		Entered Canal		Completed transit		Cleared for sea		Nationality	Line	Length	Beam	Salt water draft	From—	For—	Cargo	Tons	Panama Canal tonnage	
	Day	Hour	Day	Hour	Day	Hour	Day	Hour										Gross	Net
Donna (a).....	6	7.50	8	6.12	8	15.02	12	13.35	American...	Ecuador Brewing Co.....	84.0	19.0	9.0	Habana.....	Guayaquil....	Ballast.....	98	22	
Urubamba.....	3	17.45	8	6.21	8	15.21	8	23.46	Peruvian...	Peruvian Line.....	381.2	41.1	20.1	Cristobal....	Callao.....	General.....	840	4,803	2,951
Tres Hermanos.	4	12.15	8	6.30	8	15.49	8	17.00	Peruvian...	Moyano & Co.....	206.0	33.0	14.6	Norfolk.....	Antofagasta..	Coal.....	1,223	1,331	870
Saint Teath (a)	7-13	21.20	8	6.50	8	12.49	9	6.32	British.....	British Government.....	135.0	29.0	13.0	High seas....	Arica.....	Ballast.....	450	105	
San Joaquin....	8	8.40	8	8.02	8	17.23	8	18.37	Norwegian..	W. Wilhelmsen.....	425.0	57.6	26.6	Point Lobos...	Antofagasta..	Fuel oil.....	9,400	7,059	5,081
Santa Olivia...	8	5.36	8	9.17	8	18.05	8	22.09	American...	Atlantic & Pacific S. S. Co.....	420.0	53.0	23.5	New York....	Valparaiso....	General.....	4,530	6,736	4,883
Crown of Galicia.....	8	14.42	9	6.10	9	13.31	9	14.45	British.....	T. & J. Harrison.....	399.0	52.0	21.0	Liverpool....	Seattle.....	General.....	4,500	5,714	4,125
Mina Brea.....	9	1.53	9	7.08	9	15.05	9	22.34	British.....	International Petroleum Co.....	360.0	49.0	24.5	Port Lobos....	Pisagua.....	Crude oil.....	5,000	4,437	2,688
Jamaica.....	5	18.00	9	8.58	9	16.06	9	21.28	British.....	Pacific Steam Navigation Co....	220.0	34.0	14.6	Cristobal....	Tumaco.....	General.....	999	1,187	622
Point Lobos....	7	21.55	10	6.05	10	13.46	11	7.35	American...	Pacific Mail Steamship Co.....	289.0	44.0	19.6	Baltimore....	San Francisco.	General.....	2,569	2,895	1,967
Rosana.....	7	16.56	10	6.15	10	14.15	11	10.37	Costa Rican.	Alberto Fait.....	112.0	25.0	7.0	Cristobal....	Puntarenas...	Gasoline.....	50	256	185
Costigan.....	8	18.12	10	6.34	10	14.05	10	15.45	American...	United States Shipping Board...	400.7	54.2	19.6	New York....	Soerabajo....	General.....	3,417	6,529	4,728
F. D. Asche....	9	16.00	10	6.40	10	15.17		(e)	American...	Standard Oil Co.....	461.5	60.0	26.3	Tampico.....	Balboa.....	Crude oil.....	12,400	8,606	6,525
West Modus....	8	21.58	10	6.45	10	16.01	10	17.00	American...	United States Shipping Board...	409.8	54.2	25.1	New York....	Cavite, P. I..	Coal.....	7,179	6,589	4,838
Barges 26 & 28.			10	7.15	10	17.04		(e)	American...	Panama Railroad Steamship Line				Cristobal....	Balboa.....	General.....	169	169	
Lake Fluvanna.	10	17.15	11	6.23	11	14.00	11	15.10	American...	United States Shipping Board...	251.0	43.6	12.8	New Orleans..	Arica.....	Ballast.....	2,501	1,599	
Saint Jean.....	7	21.00	11	6.24	11	16.17	11	17.20	French.....	Cie. Gle. Transatlantique.....	397.0	50.0	18.0	Havre.....	Valparaiso....	General.....	1,091	5,849	4,081
St. Blazey (a)...	7	15.52	11	6.30	11	12.38	11	14.22	British.....	British Government.....	135.0	29.0	14.0	Bermuda.....	Arica.....	Ballast.....	447	101	
Laura C. Hall b	7	16.47	11	7.05	11	14.45	12	22.10	British.....	Pacific Metals Corporation.....	81.0	25.0	9.6	Cristobal....	Buenaventura.	General.....	10	130	69
Maipo.....	10	17.25	11	7.15	11	16.00	14	19.48	Chilean....	Chilean Government.....	388.0	51.0	29.0	Norfolk.....	Valparaiso....	Coal and general	7,770	6,385	4,572
La Cabiria (c)...	11	6.00	11	6.00	11	8.15		(f)	Panaman...	Bernardo Bergaro.....				Cristobal....	Gatun Lake...	General.....	20	18	
Harima Maru...	11	18.12	12	6.15	12	13.45	13	16.36	Japanese...	Kobe Kier Co.....	402.0	45.0	25.7	Philadelphia..	Yokohama....	General.....	3,800	4,986	3,599
Los Angeles....	12	2.08	12	6.49	12	15.46	13	7.36	American...	Union Oil Co.....	435.0	56.0	28.0	Palo Blanco...	Oleum, Cal...	Crude oil.....	(g)	7,380	5,195
Salvador.....	5	13.00	12	8.50	12	14.58	12	17.17	British.....	Pacific Steam Navigation Co....	215.0	33.0	15.0	Cristobal....	Champerico...	General.....	686	1,213	692
Inca.....	8	18.08	13	6.09	13	13.03	13	19.12	British.....	Pacific Steam Navigation Co....	360.0	43.0	19.0	New York....	Guayaquil....	General.....	2,844	3,952	2,751
Princess.....	12	15.18	13	6.11	13	13.05	13	13.58	Peruvian...	E. Leith.....	165.0	26.0	13.0	Halifax.....	Callao.....	Briquette coal...	125	589	188
St. Hilary (a)...	12	6.27	13	6.20	13	12.55	14	7.00	British.....	British Government.....	135.3	29.1	14.8	London.....	Arica.....	Ballast.....	443	99	
Manavi.....	8	18.00	13	6.36	13	13.49	13	18.37	British.....	Pacific Steam Navigation Co....	216.0	35.1	13.3	Cristobal....	Guayaquil....	General.....	669	1,357	884
Peru.....	5	17.35	13	10.14	13	17.08	13	20.06	British.....	Pacific Steam Navigation Co....	350.0	43.1	18.0	Cristobal....	Valparaiso....	General.....	1,100	4,095	2,655
Nevada.....	13	15.00	14	6.20	14	14.10	14	16.14	Danish.....	United Steamship Co.....	361.9	50.2	25.0	Norfolk.....	Chile.....	Coal.....	5,631		
Genoa Maru...	13	18.13	14	6.28	14	14.53	14	15.52	Japanese...	Nippon Yusen Kabushiki Kaisha	425.0	54.0	28.0	New York....	Yokohama....	General.....	7,313	6,832	5,174
Niceto de Larrinaga.....	13	18.25	14	6.58	14	15.10	14	17.08	British.....	Larrinaga Steamship Co.....	458.0	56.0	16.0	Baltimore....	Astoria.....	Ballast.....			
Mahia.....	14	6.58	14	8.08	14	15.42	14	17.45	British.....	Shaw, Saville & Albion Co.....	476.0	63.0	27.6	New York....	Brisbane.....	General.....	7,600	11,026	7,912
Rene Kerviler d	13	13.30	14	13.12					French.....	Societe Gen. de Armement.....	209.0	35.0	13.0	Nantes.....	San Francisco.	Ballast.....			

(a) Tug.

(b) Power schooner.

(c) Launch.

(d) Bark.

(e) Returned north through Canal.

(f) Went to Gatun Lake only.

(g) 80,000 barrels.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Stanley Dollar.	8	5.00	8	7.41	8	14.10	8	17.20	American...	Robert Dollar.....	288.8	44.6	22.6	San Francisco.	New York....	General.....	3,500	3,460	2,404
Alsace.....	8	5.00	8	7.22	8	15.20	9	15.45	French.....	A. D. Bordes & Son.....	400.3	52.4	24.0	Taltal.....	Cristobal (i)...	Nitrates.....	7,069	5,879	4,156
Lake Foxboro..	7	23.40	8	9.13	8	17.18	8	19.40	American...	United States Shipping Board...	251.0	43.6	24.0	Iquique.....	San Juan, P.R.	Nitrates.....	3,600	2,754	1,722
Manavi.....	8	6.25	8	10.32	8	18.00	13	6.36	British.....	Pacific Steam Navigation Co....	216.0	35.1	12.8	Guayaquil....	Cristobal.....	Produce.....	590.16	1,357	884
Port Lyttleton..	8	13.05	9	6.33	9	15.18	9	17.55	British.....	Commonwealth and Dom. Line...	450.0	55.2	25.0	Wellington....	London.....	General.....	6,414	8,219	5,824
Lorain.....	8	18.14	9	8.11	9	16.30	10	11.12	American...	United States Shipping Board...	395.5	55.0	27.0	Sydney.....	New York....	General.....	7,300	7,288	5,256
Vulcan (h)....	9	6.30	9	8.54	9	17.20	9	21.55	American...	United States Navy.....	385.0	53.0	18.0	San Diego....	Norfolk.....	Ballast.....	.....	5,803	3,140
Lake Fillion....	9	6.40	9	9.34	9	18.05	10	12.16	American...	United States Shipping Board...	251.0	43.6	24.0	Iquique.....	Philadelphia...	Nitrates.....	3,611	2,823	1,740
West Cahokia...	9	7.00	9	9.40	9	18.48	10	3.50	American...	United States Shipping Board...	410.5	54.0	23.0	Ilo Ilo.....	Philadelphia...	Sugar.....	7,126	6,622	4,882
La Habra.....	7-28	7.45	9	10.50	9	19.35	9	20.00	Norwegian...	W. Wilhelmsen.....	425.8	57.0	15.0	Iquique.....	Tampico.....	Ballast.....	.....	7,053	5,093
Etna Maru.....	9	16.00	10	6.34	10	14.50	10	17.00	Japanese...	Kokusai Kisen Kaisha.....	415.0	55.5	27.6	Formosa, Japan	New Orleans..	Sugar.....	9,278	7,215	5,339
Cathlamet.....	9	17.00	10	6.56	10	15.15	11	9.34	American...	United States Shipping Board...	410.5	54.2	23.0	Wellington....	London.....	General.....	6,380	6,755	4,883
Santa Tecla....	9	14.30	10	7.35	10	16.05	10	19.20	American...	W. R. Grace & Co.....	289.6	40.0	22.3	Taltal.....	New York....	Nitrates and gen	3,431	2,835	1,827
Maple Branch..	9	22.30	10	9.25	10	17.25	10	19.15	British.....	F. & W. Ritson.....	400.0	52.0	23.0	Antofagasta...	Antwerp.....	General.....	6,670	5,618	4,105
Toyooka Maru..	10	7.30	10	11.04	10	18.30	10	18.30	Japanese...	Nippon Yusen Kaisha.....	445.0	58.0	24.7	Hongkong....	New York....	General.....	9,829	7,747	5,556
West Jappa....	10	10.45	11	6.54	11	15.10	11	18.27	American...	United States Shipping Board...	410.5	52.2	25.5	Manila.....	New York....	General, sugar..	7,500	6,755	4,873
Republic.....	10	15.00	11	7.04	11	17.08	11	17.38	American...	Chile Steamship Co.....	341.0	49.1	23.6	Mejillones....	Philadelphia..	(j)	5,803	4,623	3,372
Santa Paula....	11	3.06	11	7.43	11	15.35	11	19.55	American...	W. R. Grace & Co.....	404.6	53.9	28.0	Valparaiso...	New York....	Nitrate of soda...	8,820	6,744	4,825
Sinasta.....	10	17.55	11	9.48	11	18.27	11	21.00	American...	United States Shipping Board...	402.5	53.0	26.0	Portland.....	Liverpool....	Wheat and flour.	7,545	6,566	4,819
F. D. Asche....	10	15.17	12	7.25	12	14.05	12	14.05	American...	Standard Oil Co. of N. J.....	461.5	60.0	.....	Balboa.....	Tampico.....	Ballast.....	.....	8,606	6,525
Huasco.....	12	4.25	12	8.20	12	15.25	16	8.08	Chilean....	South American Steamship Line	379.6	44.3	21.0	Valparaiso...	Cristobal.....	General.....	271	4,552	3,182
Essequibo.....	12	3.20	12	8.54	12	16.05	13	7.25	British.....	Royal Mail Steam Packet Co....	449.4	57.8	24.6	Valparaiso...	New York....	General.....	2,627	9,037	6,089
Balboa.....	12	8.12	12	11.20	12	17.47	16	6.00	American...	Colombian Maritime Co.....	190.0	29.1	12.3	Buenaventura	Cristobal.....	General.....	592.85	741	350
Statesman.....	12	19.00	13	7.51	13	15.40	13	16.66	British.....	Thomas Jas. Harrison.....	423.0	53.8	26.5	San Francisco.	Liverpool....	General.....	7,977	6,361	4,592
Lake Berdan...	13	1.30	13	8.38	13	17.00	14	6.16	American...	United States Shipping Board...	250.5	43.5	22.0	Taltal.....	New Orleans..	Nitrates.....	3,140	2,510	1,570
National Bridge	13	1.45	13	8.44	13	16.35	13	23.00	American...	United States Shipping Board...	324.0	46.2	23.0	Antofagasta...	Charleston...	Nitrates.....	4,760	3,959	2,649
Barges Nos. 26 and 28.....	10	16.50	13	7.00	13	23.14	.....	.....	American...	Panama Railroad Steamship Line	.....	.....	.....	Balboa.....	Cristobal.....	Ballast.....	.....	.....	.....
Dunclutha.....	13	19.30	14	7.54	14	20.30	.....	.....	British.....	Glen & Co.....	360.0	49.2	23.4	Mejillones....	Liverpool....	Nitrates.....	5,958	4,310	3,213
Maryland.....	14	7.00	14	8.30	14	18.24	.....	.....	French.....	French Line.....	410.5	54.0	23.3	Talcahuano...	Havre.....	(k)	5,978	6,234	4,639
Sapulpa.....	14	9.00	14	10.10	14	18.45	15	12.35	American...	United States Shipping Board...	425.8	57.0	21.0	San Francisco.	Palo Blanco...	Ballast.....	.....	.....	.....
Subchaser No. 284.....	.....	.....	14	14.00	14	.....	.....	.....	American...	United States Navy.....	.....	.....	.....	Balboa.....	Cristobal.....	.....	.....	.....	.....

(h) Collier. (i) For orders. (j) Copper, nitrates, and general. (k) Saltpeter, copper, wool, and hides.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
Aug. 8.....	Crijnsen.....	Royal Netherlands W. I. Mail....	Amsterdam.	Aug. 8.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
Aug. 9.....	Pastores.....	United Fruit Co.....	Port Limon.	Aug. 8.....	Pastores.....	United Fruit Co.....	New York via Habana.
Aug. 9.....	Gen. G. W. Goethals.	Panama Railroad Steamship Line...	New York via Haiti.	Aug. 9.....	Crijnsen.....	Royal Netherlands W. I. Mail....	Amsterdam and wayports.
Aug. 9.....	Ulua.....	United Fruit Co.....	New York via Habana.	Aug. 10.....	Ulua.....	United Fruit Co.....	Port Limon.
Aug. 9.....	Parismina.....	United Fruit Co.....	New Orleans.	Aug. 11.....	Vulcan (h).....	United States Navy.....	Norfolk.
Aug. 10.....	Patrician.....	T. & J. Harrison.....	Liverpool and wayports.	Aug. 11.....	Parismina.....	United Fruit Co.....	New Orleans and wayp'ts.
Aug. 11.....	Vulcan (h).....	United States Navy.....	High seas.	Aug. 11.....	Abangarez.....	United Fruit Co.....	New Orleans.

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MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight August 21, 1920.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship	Arrived at port		Entered Canal		Completed transit		Cleared for sea		Nationality	Line	Length	Beam	Salt water draft	From—	For—	Cargo	Tons	Panama Canal tonnage	
	Day	Hour	Day	Hour	Day	Hour	Day	Hour										Gross	Net
Henry Steer....	11	19.30	15	6.22	15	13.34	16	14.30	American...	Barber Line (S. B.).....	409.0	54.2	26.1	Philadelphia..	Yokohama....	General.....	7,558	6,528	4,724
Lake Gormanian.	13	16.15	15	6.30	15	15.33	19	14.00	American...	American Metal Transp (S. B.)..	255.0	43.6	21.3	Norfolk.....	Antofagasta...	Coal.....	2,740	2,539	1,657
Eastern Admiral....	13	12.36	15	7.25	15	15.28	15	16.25	American...	Barber Line (S. B.).....	414.7	55.7	24.6	New York....	Comax.....	General.....	8,951	7,257	5,269
Pilar de Larrinaga.....	15	1.40	15	8.15	15	16.30	15	17.54	British.....	Larrinaga Steamship Co.....	445.0	58.0	19.0	New Castle-on-Tyne.	Portland.....	Ballast.....	7,627	5,547	
Eagle.....	15	6.50	15	8.33	15	16.48	15	17.54	American...	Standard Transportation Co....	410.0	56.0	27.0	New York....	Manila.....	Case oil and paint	7,800	8,243	6,266
Hwah Chie.....	15	7.30	15	10.10	15	17.44	16	8.32	Japanese...	Japanese Government.....	270.0	38.0	18.4	Port Arthur...	Hongkong....	Case oil and steel	2,600	2,198	1,501
Grelwen.....	14	12.17	15	11.40	15	19.00	16	22.06	British.....	J. C. Gould.....	389.0	52.5	24.6	Port Arthur...	Adelaide.....	Oils.....	7,000	5,973	4,526
Rose Mahoneya	14	10.00	15	15.13	16	17.52	18	13.54	American...	A. F. Mahoney & Co.....	260.0	48.3	19.0	Buenos Aires..	San Francisco.	Bones.....	2,300	2,116	1,960
Balboa.....	12	17.47	16	6.00	16	13.11	17	20.08	American...	Colombian Maritime Co.....	190.0	29.1	13.2	Cristobal.....	Buenaventura.	General.....	515	741	350
Huasco.....	12	15.25	16	8.08	16	14.45	16	21.42	Chilean.....	South American Steamship Line.	379.7	44.3	22.6	Cristobal.....	Valparaiso....	General.....	795	4,552	3,182
Zahma (b).....	16	5.55	16	10.20	16	17.42	18	12.35	American...	A. M. Andrews.....	80.0	21.0	8.0	New York....	Los Angeles...	Ballast.....	75	58	
Touraine (a)...	15	10.00	16	10.57	17	16.07	17	16.50	French.....	Soc. Gen. de Armement.....	263.0	39.0	14.0	St. Nazaire...	San Francisco.	Ballast.....	2,042	1,806	
Alicia (c).....	12	14.10	17	6.24	17	13.14			American...	Pacific Metals Corporation.....	44.4	13.0		Cristobal.....	Balboa.....	Ballast.....	22	12	
Progreso (d)...	17	7.05	17	15.25	18	11.43			Mexican...	Mexican Government.....	230.0	38.0	11.0	Progreso.....	Manzanillo....	Ballast.....	1,399	639	
Santa Ana.....	17	16.45	18	6.17	18	12.40	18	15.08	American...	W. R. Grace & Co.....	360.2	51.6	22.6	New York....	Valparaiso....	General.....	1,904	5,842	4,150
Benjamin Brewster....	17	14.14	18	6.17	18	14.19	18	19.05	American...	Standard Oil Co.....	411.6	53.4	27.0	Tampico.....	Pisagua.....	Crude oil.....	(g)	6,360	4,337
Woonsocket....	17	11.57	18	7.05	18	14.22	18	15.25	American...	Green Star Line.....	400.2	54.2	27.0	Baltimore....	Singapore....	General.....	7,500	6,928	5,050
Lake Fansdale..	16	17.45	19	6.20	19	14.52	19	15.55	American...	Callahan Atkinson Co. (S. B.)..	251.0	43.6	25.6	Norfolk.....	Iquique.....	Briquette coal...	2,933	2,856	1,806
R-22 (e).....			19	7.15	19	15.30			American...	United States Navy.....				Coco Solo....	Balboa.....				
Cauca.....	15	18.20	20	6.10	20	14.48	20	19.02	British.....	Pacific Steam Navigation Co....	346.2	35.0	16.6	Cristobal.....	Guayaquil....	General.....	1,030	1,582	1,023
Tecumseh.....	19	13.44	20	6.28	20	14.05	20	15.03	British.....	Standard Transportation Co....	440.0	58.7	27.6	Beaumont....	Shanghai....	Oil.....	8,525	8,233	5,272
Fortol.....	20	7.37	20	8.54	20	15.43	21	22.50	British.....	British Admiralty.....	331.0	41.4	21.0	Portsmouth...	Acapulco....	Fuel oil.....	2,123	2,780	1,108
Calera.....	18	10.18	20	9.12	20	18.46			Chilean.....	Indies Navigation Co.....	260.6	35.4	11.6	New York....	Valparaiso....	Steel and gasoline	1,738	1,023	
Steel Worker...	19	22.18	20	10.50	20	18.09	26	15.30	American...	Isthmian Steamship Line.....	424.2	56.2	26.0	New York....	Vancouver....	General.....	8,500	7,539	5,495
Orbita.....	19	13.45	20	11.30	20	19.42	20	20.50	British.....	Pacific Steam Navigation Co....	550.0	67.0	26.0	Liverpool....	Valparaiso....	General.....	3,100	16,822	11,508
Eagle No. 4....	7-15	12.45	20	6.40	20	12.34	20	14.59	American...	United States Navy.....				Coco Solo....	Balboa.....				
Mont Cenis....	20	7.05	21	6.27	21	13.36	21	15.10	French.....	Cia. Gen'l Transport Maritime...	363.0	48.0		Marseilles....	San Francisco.	General.....	410	4,662	3,512
Daybreak.....	21	7.05	21	8.05	21	15.23	21	21.52	British.....	Claymen Steamship Co.....	331.3	46.0	25.0	Tampico.....	Antofagasta...	Kerosene, etc....	3,300	3,688	2,438
Sylvan Arrow...	21	9.02	21	10.00	21	18.05	21	19.40	American...	Standard Transportation Co....	467.6	62.7	27.0	Beaumont....	Taku-Bar....	Petroleum.....	10,400	9,931	7,095
S. C. 285.....			21	6.50	21	12.03			American...	United States Navy.....				Coco Solo....	Balboa.....				
Chance Divinef	20	6.00	21	6.00	21				Panaman...	Daniel Rotti.....				Cristobal.....	Panama.....	Ballast.....	1	1	

(a) Bark.

(b) Yacht.

(c) Launch.

(d) Transport.

(e) Submarine.

(f) Cayuco.

(g) 52,000 barrels.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Laurel Branch..	14	22.30	15	7.50	15	16.45	15	19.05	British.....	Nautilus Steam Shipping Co....	360.2	46.0	23.3	Antofagasta...	Wilmington...	Nitrates.....	5,550	4,182	3,030
Donato.....	14	23.10	15	8.04	15	18.00	.....	.....	Spanish.....	Commercial Co.....	345.0	47.9	24.0	Caleta Buena.	Hampton R'ds	Nitrates.....	6,032	4,321	3,166
Cauca.....	15	9.12	15	11.32	15	18.20	20	6.10	British.....	Pacific Steam Navigation Co....	246.0	35.2	16.0	Guayaquil....	Cristobal.....	General.....	1,040	1,582	1,023
Lake Fibre.....	15	13.13	16	6.43	16	14.27	16	16.35	American...	Gilmartin & Co. (S. B.).....	248.6	43.7	24.0	Iquique.....	Savannah....	Nitrates.....	3,600	2,823	1,740
Cote Blanche....	15	19.00	16	8.04	16	16.15	21	6.05	American...	Wessel Duval & Co. (S. B.).....	253.4	43.7	22.4	Iquique.....	Boston.....	Nitrate of soda..	3,500	2,653	1,680
Schodack.....	17	2.00	17	7.45	17	15.45	17	22.00	American...	Barber Line (S. B.).....	390.0	52.4	23.0	Manila.....	Habana.....	General, rice, etc.	6,135	6,106	4,401
Robin Hood....	17	2.00	17	8.13	17	16.57	17	20.55	American...	Robin Line.....	424.8	55.2	27.8	Mejillones....	Pensacola....	Nitrates.....	9,028	7,473	5,622
Santa Luisa....	17	22.00	18	7.21	18	13.55	18	15.22	American...	W. R. Grace & Co.....	360.2	51.6	23.3	Valparaiso....	New York....	Nitrates, general.	4,014	5,694	3,975
Coushatta.....	18	5.20	18	8.48	18	17.20	18	22.00	American...	Hasler Brothers (S. B.).....	253.4	43.7	22.6	Iquique.....	Savannah....	Nitrates.....	3,711	5,694	2,975
South Bend (h).	18	13.20	19	7.05	19	14.58	21	8.08	American...	United States Army.....	448.9	60.2	27.6	Astoria.....	New York....	Flour, general...	8,003	.....	.....
Yomei Maru....	18	19.00	19	7.56	19	16.05	19	19.05	Japanese....	Taiyo Kisen Kaisha.....	415.0	55.5	24.0	Kobe.....	Petrograd....	Sugar, general...	4,900	.....	.....
Argyllshire....	19	5.30	19	9.28	19	18.20	19	22.58	British.....	Turnbull Martin & Co.....	526.2	61.4	26.6	Sydney.....	London.....	Frozen, general..	8,090	12,421	8,862
Otho.....	18	22.45	19	13.16	19	20.15	20	12.12	American...	Frank Waterhouse & Co. (S. B.)	380.5	51.3	23.0	Seattle.....	New York....	Flour.....	6,811	5,659	4,034
Crisfield.....	19	16.35	20	6.54	20	14.55	20	19.00	American...	Amer. Metals Transp. Co. (S. B.)	402.6	54.8	25.5	Antofagasta...	Philadelphia..	Nitrates.....	8,800	6,932	5,100
Coalinga.....	7	1.30	20	7.06	20	15.30	20	15.55	American...	Union Oil Co.....	471.0	55.0	20.0	Antofagasta...	Tampico.....	Ballast.....	.....	8,108	5,877
Maricopa.....	20	5.30	20	7.48	20	16.05	20	23.42	Norwegian..	W. Wilhelmsen.....	425.3	57.0	19.0	Tocopilla....	Tampico.....	Ballast.....	.....	6,996	5,108
Mantaro.....	20	12.13	20	9.41	20	16.57	.....	.....	Peruvian...	Peruvian Line.....	360.0	46.0	21.8	Callao.....	Cristobal....	General.....	2,976	4,838	2,959
Lake Maurepas	20	8.30	20	10.46	20	17.55	20	20.15	American...	Wessel Duval (S. B.).....	253.5	43.5	19.6	Iquique.....	Baltimore....	Nitrates.....	2,662	2,383	1,517
Oriana.....	20	17.30	21	6.35	21	13.50	21	17.40	British.....	Pacific Steam Navigation Co....	467.5	56.2	21.0	Valparaiso....	Liverpool....	General.....	1,278	8,620	5,345
Junin.....	20	21.34	21	6.42	21	16.03	22	2.25	British.....	Pacific Steam Navigation Co....	390.0	50.2	20.0	Puntarenas...	Liverpool....	General.....	3,700	5,930	4,395
Cedar Branch..	20	23.25	21	7.48	21	16.28	21	18.12	British.....	F. & W. Ritson.....	390.5	51.0	22.0	Valparaiso....	United King..	General.....	5,230	4,912	3,642
R-23 (e).....	4	15.16	21	7.58	21	14.44	.....	.....	American...	United States Navy.....	.....	.....	.....	Balboa.....	Cristobal....	.....	.....	.....	.....
Orion (i).....	21	7.30	21	8.28	21	18.20	.....	.....	American...	United States Navy.....	514.0	65.0	21.0	San Diego....	Hampton R'ds	Ballast.....	.....	.....	.....
Raranga.....	21	8.20	21	10.03	21	19.12	21	19.12	British.....	Shaw, Saville & Albion Co.....	478.0	63.2	29.0	Wellington....	London.....	General.....	7,458	10,986	7,837
Standard Arrow	21	10.30	21	11.08	21	19.25	21	19.25	American...	Standard Transportation Co....	467.6	62.7	21.0	San Francisco.	Beaumont....	Ballast.....	.....	9,988	7,090

(h) U. S. Army transport. (i) Collier.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
Aug. 15.....	Ulua.....	United Fruit Co.....	Port Limon.	Aug. 15.....	Caribbean.....	Panama Railroad Cattle Industry.	Cartagena. ~~W~~
Aug. 15.....	Ulysses (i).....	Panama Railroad Steamship Line..	Norfolk.	Aug. 15.....	Ulua.....	United Fruit Co.....	New York via Habana.
Aug. 15.....	Darien (j).....	Panama Railroad Steamship Line..	Norfolk.	Aug. 17.....	Tolosa.....	United Fruit Co.....	Port Limon.
Aug. 16.....	Cartago.....	United Fruit Co.....	New Orleans.	Aug. 18.....	Zacapa.....	United Fruit Co.....	N. Y. via Jamaica, Cuba.
Aug. 16.....	Tolosa.....	United Fruit Co.....	New York via Habana.	Aug. 18.....	Atenas.....	United Fruit Co.....	New Orleans.
Aug. 16.....	Chinampa.....	Standard Oil Co.....	Tampico.	Aug. 18.....	Cartago.....	United Fruit Co.....	N. O. via Bocas, Habana.
Aug. 17.....	Perou.....	French Line.....	St. Nazaire and waypts.	Aug. 19.....	Chinampa.....	Standard Oil Co.....	Tampico.
Aug. 18.....	Atenas.....	United Fruit Co.....	New Orleans via waypts.	Aug. 19.....	Ulysses (i).....	Panama Railroad Steamship Line..	Norfolk.
Aug. 18.....	Zacapa.....	United Fruit Co.....	New York, Col., Kingston	Aug. 19.....	Darien (j).....	Panama Railroad Steamship Line..	Norfolk.
Aug. 18.....	Carrillo.....	United Fruit Co.....	New York via Kingston.	Aug. 19.....	Carrillo.....	United Fruit Co.....	N. Y., Col., Jam., Cuba.
Aug. 19.....	Columbia.....	N. O. & S. A. S. S. Line.....	New Orleans.	Aug. 19.....	Patria (k).....	Cuban Government.....	Cienfuegos, Cuba. ~~1~~
Aug. 19.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.	Aug. 20.....	Cristobal.....	Panama Railroad Steamship Line..	New York.
Aug. 20.....	Colon.....	Panama Railroad Steamship Line..	New York.	Aug. 20.....	Columbia.....	N. O. & S. A. S. S. Line.....	New Orleans.
Aug. 21.....	Nessian.....	Leyland Line.....	Liverpool via wayports.				

(j) Barge. (k) Training ship.

PORT OF BALBOA.

*ARRIVALS.				*DEPARTURES.			
Aug. 21.....	Seiyo Maru.....	Toyo Kisen Kaisha.....	Valparaiso.	None.....			

*Other than ships passing through the Canal.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight August 28, 1920.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship	Arrived at port		Entered Canal		Completed transit		Cleared for sea		Nationality	Line	Length	Beam	Salt water draft	From—	For—	Cargo	Tons	Panama Canal tonnage	
	Day	Hour	Day	Hour	Day	Hour	Day	Hour										Gross	Net
Athenic.....	21	21.20	22	10.10	22	17.47	22	18.57	British.....	White Star Line.....	500.3	63.3	29.1	London.....	Wellington....	General.....	5,689	12,877	9,587
Kasuga (a).....	22	16.05	23	6.00	23	13.34	26	14.10	Japanese....	Japanese Government.....	366.0	59.0	26.0	New Orleans..	San Francisco..	General.....	3,306	9,403	6,653
Almelo.....	21	9.31	23	7.22	23	14.46	24	14.10	Dutch.....	Royal Netherlands S. S. Line...	460.0	63.0	19.0	Amsterdam...	Corral.....	General.....	8,221	6,993	5,425
Tsuyama Maru	22	20.12	23	7.45	23	15.40	23	16.55	Japanese....	Nippon Yusen Kabushiki Kaisha	445.0	58.0	26.3	New York....	Manila.....	Steel, machinery.	5,848	5,356	4,204
Maria S. (b).....	23	6.30	23	7.50	23	9.38	.....	.....	Panaman.....	N. Salazar.....	370.0	51.6	23.6	Cristobal....	Gatun Lake....	Ballast.....	2,516	2,772	1,767
Trewellard.....	23	6.37	23	8.30	23	16.57	23	18.15	British.....	Edward Hain & Sons.....	251.0	43.0	23.6	Avonmouth...	Melbourne....	General.....	.....	449	109
Lake Granby....	22	8.11	23	8.50	23	17.50	23	18.52	American....	Warren Transportation Co. (S.B.)	146.0	29.0	14.0	Baltimore....	San Antonio....	Coke.....	.....	.....	.....
Sciota (c).....	7-27	18.22	23	10.24	23	16.44	26	7.20	American....	United States Navy.....	314.0	33.0	12.0	Coco Solo....	Balboa.....	Ballast.....	.....	.....	.....
St. Finbarr (c).	20	7.26	23	10.52	23	17.45	25	9.55	British.....	British Admiralty.....	.....	.....	.....	London.....	Arica.....	Ballast.....	.....	.....	.....
Morris No. 271d	21	9.23	23	11.35	23	17.50	26	17.50	American....	United States Navy.....	.....	.....	.....	Hampton R'ds	San Diego....	Ballast.....	.....	.....	.....
Parrott No. 218 (d).....	21	9.15	23	11.35	23	17.41	26	17.50	American....	United States Navy.....	314.0	30.0	12.0	Philadelphia..	San Diego....	Ballast.....	.....	.....	.....
Springfield....	20	16.05	24	6.55	24	14.10	24	15.12	American....	Atlantic & Western Co. (S. B.)..	410.5	54.2	19.3	Boston.....	Seattle.....	General.....	4,450	6,576	4,971
Port Napier....	18	6.22	24	7.10	24	15.06	24	23.54	British.....	Commonwealth and Dom. Line..	490.0	61.0	29.0	London.....	Sydney.....	General.....	10,882	10,987	8,165
Muncaster Castle.....	23	21.42	24	7.25	24	18.24	24	19.32	British.....	Lancashire Shipping Co.....	412.0	50.0	25.6	New York....	Kobe.....	General.....	6,776	5,739	4,364
Liberty.....	24	10.53	24	11.18	24	19.15	25	8.29	American....	U. S. A. Inc. (S. B.).....	395.5	55.0	26.0	New York....	Auckland.....	General, case oil.	6,600	7,280	5,219
Mineola.....	24	16.22	25	6.17	25	13.10	25	14.46	American....	W. R. Grace & Co.....	298.6	41.0	19.1	Baltimore....	Samanco.....	General.....	1,959	2,835	1,822
Minnie de Larrinaga.....	24	15.05	25	6.37	25	13.52	25	14.46	British.....	Larrinaga Steamship Co.....	420.0	54.0	14.3	Baltimore....	Astoria.....	Ballast.....	.....	6,421	4,904
Luceric.....	24	10.34	25	6.55	25	14.54	25	20.03	British.....	Andrew Weir & Co.....	412.5	55.5	17.0	New York....	Caleta Colosa.	Ballast.....	.....	6,895	4,863
La Habra.....	24	23.35	25	7.33	25	15.56	25	16.55	Norwegian..	W. Wilhelmsen.....	424.8	57.0	27.6	Puerto Lobos..	Antofagasta..	Crude oil.....	9,200	7,053	5,093
Waterbury.....	24	16.28	25	11.10	25	18.03	25	22.58	American....	Williams Dimond & Co. (S. B.)..	400.7	54.2	19.4	New York....	Portland.....	General.....	4,000	6,529	4,737
Mantaro.....	20	16.57	25	16.00	26	12.46	26	15.45	Peruvian...	Peruvian Line.....	367.0	46.0	20.0	Cristobal....	Callao.....	General.....	1,090	4,838	2,959
Astral.....	25	13.12	26	6.25	26	13.57	26	15.07	American....	Standard Oil Co.....	439.5	58.0	29.0	Sabine.....	Woosung.....	Petroleum.....	10,046	.....	6,319
Tokufuku Maru	25	21.22	26	6.52	26	14.07	26	15.07	Japanese....	Kokusai Kisen Kabushiki Kaisha	385.0	51.0	26.0	Port Arthur..	Manila.....	Oil, grease, etc..	7,367	5,956	4,471
Talaralite.....	26	6.30	26	8.35	26	16.48	26	16.58	British.....	International Petroleum Co.....	250.0	43.0	21.6	Tampico.....	Talara.....	Fuel oil.....	3,000	2,631	1,718
Jaunty.....	21	19.12	26	10.00	26	16.38	26	17.25	British.....	British Admiralty.....	155.0	31.1	15.0	Bermuda.....	Callao.....	Ballast.....	.....	684	209
Frederick Luckenbach.....	26	9.01	26	11.30	26	18.49	26	20.04	American....	Luckenbach Steamship Co.....	317.5	40.2	21.8	New York....	San Francisco.	General.....	3,000	2,986	2,091
Cyrus W. Fields (c).....	.....	.....	25	8.20	25	15.40	27	10.26	American....	United States Army.....	.....	.....	.....	Cristobal....	Balboa.....	Ballast.....	.....	.....	.....
Lake Fanbush..	26	20.52	27	6.20	27	13.25	27	15.35	American....	N. O. & S. A. S. S. Co. (S. B.)..	251.0	43.6	18.1	New Orleans..	Valparaiso...	General.....	1,478	2,861	1,812
Kaikoura.....	26	14.40	27	6.20	27	14.15	27	15.17	British.....	New Zealand Shipping Co.....	460.0	58.0	28.0	London.....	Auckland.....	General.....	6,242	9,194	6,602
Tanneberg.....	27	6.07	27	8.57	27	15.33	28	10.22	British.....	Philips & Philips.....	483.0	63.0	19.6	Cardiff.....	Portland.....	Ballast.....	.....	9,273	6,526

(a) Cruiser

(b) Launch

(c) Tug

(d) Destroyer

Tern (e).....	23	14.30	27	11.20	27	18.17	27	19.30	American...	United States Navy.....	187.0	36.0	12.5	Cristobal.....	San Diego....				
Jamaica.....	23	15.57	28	6.11	28	12.57	28	15.45	British.....	Pacific Steam Navigation Co....	220.0	34.0	13.6	Cristobal.....	Buenaventura.	General.....	874	1,187	622
Kayseeka.....	27	20.58	28	6.30	28	13.41	28	16.35	American...	Thorndyke & Tremholm (S. B.)..	400.7	54.2	25.0	Norfolk.....	San Diego....	Coal.....	7,665	6,529	4,712
West Katan....	28	5.40	28	7.18	28	14.40	28	21.40	American...	William Dimond & Co (S. B.)...	410.5	54.3	22.3	Liverpool....	Tacoma.....	General.....	6,004	6,573	4,901
Indiana Harbor	28	8.09	28	9.32	28	16.21	29	7.16	American...	Ind. Navigation Co.....	251.0	43.6	21.0	Pensacola....	Valparaiso....	Coke.....	2,549	2,857	1,784
George Wash- ington (f)....	28	10.26	28	11.00	28	17.58	28	21.40	Norwegian..	Peter Olsen.....	425.0	55.0	27.6	Antwerp.....	San Francisco.	Silver sand.....	9,000	7,440	5,627
Orea.....	26	6.25	28	11.18	28	18.48	28	20.12	British.....	Pacific Steam Navigation Co....	575.0	67.6	30.2	Liverpool....	Coronel.....	General.....	10,312	15,931	10,486

(e) U. S. tug and barges 297 and 308.

(f) Motor ship.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Michigan (g)...	21	14.30	22	6.54	22	14.40	24	13.35	American...	United States Navy.....	450.0	76.0	27.0	San Pedro....	Annapolis.....				
South Carolinag	21	14.30	22	7.01	22	15.05	24	13.38	American...	United States Navy.....	452.9	80.6	27.0	San Pedro....	Annapolis.....				
Tern (c).....	21	14.30	22	7.13	22	14.30	27	11.20	American...	United States Navy.....	187.5	35.5		High seas....	Cristobal.....				
Orcus.....	21	22.00	22	8.16	22	16.05	22	22.25	American...	Wessel Duval & Co (S. B.).....	380.2	53.1	24.0	Antofagasta..	Savannah....	Nitrates.....	6,089	5,667	4,220
New Hamp- shire (g).....	21	14.30	23	6.10	23	14.40	24	13.38	American...	United States Navy.....	456.0	76.1	27.0	San Pedro....	Annapolis.....				
Kansas (g)....	21	14.30	23	6.17	23	15.45	24	13.35	American...	United States Navy.....	456.0	76.1	27.0	San Pedro....	Annapolis.....				
Jamaica.....	22	15.00	23	6.47	23	15.57	28	6.11	British.....	Pacific Steam Navigation Co....	220.0	34.0	13.0	Buenaventura.	Cristobal.....	General.....	642	1,187	622
Faraday (h)...	22	13.00	23	7.48	23	16.55	24	18.05	British.....	Siemens Bros. & Co.....	360.4	52.3	21.0	Callao.....	London.....	Ballast.....		5,510	
Eagle No. 4 (i).	21	14.00	23	8.34	23	15.22			American...	United States Navy.....	200.0	25.0		High seas....	Cristobal.....				
Silver Shell....	22	23.10	23	8.47	23	17.35	23	17.35	American...	Shell Oil Co. of California.....	411.6	53.4	25.6	San Francisco.	St. Catherine..	Lubricating oil..	7,367	6,108	4,291
Chile.....	22	19.15	23	10.08	23	19.07			British.....	Pacific Steam Navigation Co....	350.3	43.1	17.3	Valparaiso....	Cristobal.....	General.....	747	4,065	2,668
Acajutla.....	23	4.45	23	12.46	23	19.20	30	11.00	British.....	Pacific Steam Navigation Co....	215.7	33.5	15.4	Champerico... Cristobal.....	(m)	577	1,273	706	
Connecticut (g)	21	14.30	24	6.35	24	15.05	24	15.06	American...	United States Navy.....	456.0	76.1	27.0	San Pedro....	Annapolis.....				
Minnesota (g)..	21	14.30	24	6.41	24	14.05	24	14.05	American...	United States Navy.....	456.0	76.1	27.0	San Pedro....	Annapolis.....				
Arawa.....	23	14.30	24	6.51	24	15.45	24	21.25	British.....	Shaw, Saville & Albion Co.....	460.0	60.0	29.0	Wellington....	London.....	Frozen, general.	9,800	10,035	7,504
Paparoa.....	23	22.30	24	8.22	24	16.07	25	12.40	British.....	New Zealand Shipping Co.....	430.0	54.2	23.0	Lyttleton....	London.....	Frozen, general.	3,737	8,174	6,092
Ucayali.....	24	3.30	24	9.41	24	17.40			Peruvian...	Peruvian Line.....	374.7	46.3	21.6	Callao.....	Cristobal.....	(n)	2,305	4,466	2,405
Potosi.....	24	7.50	24	9.47	24	18.25	24	22.30	British.....	Pacific Steam Navigation Co....	381.4	49.0	23.6	Talcahuano...	Liverpool....	General.....	5,860	5,567	4,296
Culgoa (j)....	23	5.45	25	6.36	25	14.00	25	15.30	American...	United States Navy.....	343.0	41.0	18.11	San Pedro....	New York.....	Supplies.....	300	(q)	6,500
Argus.....	21	20.40	25	6.54	25	15.10	25	17.37	American...	Green Star Steamship Corp.....	401.2	53.2	26.0	Vancouver....	Immingham...	Railroad ties....	7,882	7,082	5,167
Canibas.....	25	6.45	25	8.45	25	16.40	26	12.52	American...	Green Star Steamship Corp.....	420.5	54.2	25.0	Hongkong....	Baltimore....	Rice and iron ore	8,297	7,309	5,289
J u g o Slaven Prvi.....	25	7.45	25	10.30	25	18.25	25	20.10	Jugoslav...	Paul Metrovitch.....	326.0	40.0	23.1	Iquique.....	Hampton R'ds	Nitrates.....	4,300	3,286	2,254
Lake Lesa.....	25	9.15	25	10.59	25	19.30	26	1.30	American...	Hasler Brothers (S. B.).....	251.0	43.7	21.0	Iquique.....	Savannah....	Nitrates.....	3,212	2,505	1,622
S. C. No. 285..	21	12.03	25	13.07	25	18.58			American...	United States Navy.....				Balboa.....	Cristobal.....				
Eastern Ocean..	25	15.45	26	6.35	26	15.15	26	20.40	American...	McCormick & McPherson (S.B.)	385.3	51.2	27.0	Portland.....	United King..	Wheat.....	7,324	6,224	4,465
Laura C. Hall k	26	5.00	26	7.15	26	15.22	30	7.35	British.....	Pacific Metals Corp.....	81.0	25.6	10.0	Buenaventura.	Cristobal.....	(o)	68½	130	69
Rosana (k)....	25	9.45	27	6.20	27	14.43			Costa Rican.	Alberto Fait.....	107.7	25.0	8.5	Puntarenas... Cristobal.....		Logs and sacks..	158	265	185
Crown of Toledo.....	26	14.30	27	6.32	27	14.30	27	14.30	British.....	Thomas and James Harrison....	455.4	56.2	27.5	San Francisco.	Liverpool....	(p)	9,400	7,699	5,443
Nika.....	26	19.30	27	8.53	27	17.00	27	20.50	American...	Hodge Steamship Co.....	267.3	46.0	23.6	Mejillones....	Cristobal (l)...	Nitrates.....	2,800	2,586	1,747
Wytheville....	27	7.30	27	9.54	27	17.18	27	15.35	American...	Barber Line (S. B.).....	395.5	55.0	22.0	Shanghai.....	Boston.....	General.....	7,000	6,841	4,758
Robin Good- fellow.....	27	20.45	28	6.57	28	14.50	28	15.45	American...	Skinner & Eddy.....	424.8	55.2	26.1	Vancouver....	Rio de Janeiro.	Coal.....	7,648		
Renaico.....	27	12.30	28	11.09	28	18.03	28	21.08	Chilean....	South American Steamship Line.	412.0	50.3	26.0	Talcahuano... New York....		General.....	3,533½	6,050	3,442

(g) Battleship.

(h) Cable ship.

(i) Eagle boat.

(j) Supply ship.

(k) Motor schooner.

(l) For orders.

(m) Coffee, wool, hides, etc.

(n) Copper, cotton, sugar, etc.

(o) Coffee and box platinum.

(p) Flour, wheat, barley, and fruit.

(q) Displacement.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight September 4, 1920.

48

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship	Arrived at port		Entered Canal		Completed transit		Cleared for sea		Nationality	Line	Length	Beam	Salt water draft	From—	For—	Cargo		Panama Canal tonnage	
	Day	Hour	Day	Hour	Day	Hour	Day	Hour								Nature	Tons	Gross	Net
Mamari.....	28	8.30	29	6.25	29	14.33	29	15.30	British.....	Shaw, Saville & Albion Co.....	455.0	56.0	28.11	London.....	New Plymouth	General.....	6,000	8,641	6,017
Carpentaria....	28	18.28	29	7.04	29	15.21	29	16.15	British.....	British India Steam Nav. Co....	436.0	53.0	27.11	Hull.....	Brisbane.....	General.....	7,939	8,082	5,440
Willie A. Higgins.....	29	9.31	29	10.40	29	16.59	2	19.02	American...	C. H. Higgins.....	200.0	41.0	14.0	Norfolk.....	San Francisco.	Ballast.....	922		553
Western Knight	29	20.40	30	6.17	30	15.14	30	17.00	American...	Admiral Line (S. B.).....	409.8	54.2	25.8	Newport News	Cavite.....	Navy coal.....	6,489	6,546	4,557
Laura C. Hall a	26	15.22	30	6.42	30	15.10	31	9.09	British.....	Pacific Metals Corporation.....	81.0	25.6	9.0	Cristobal.....	Buenaventura.	General.....	21	130	69
Mexico.....	30	9.19	30	10.14	30	16.20	4	11.42	Mexican...	Mexican Navigation Co.....	310.0	43.2	14.0	Progreso.....	Salina Cruz...	Ballast.....	2,879		1,999
Acajutla.....	23	19.20	30	11.00	30	17.15	30	21.15	British.....	Pacific Steam Navigation Co....	215.7	33.5	16.0	Cristobal.....	Champerico...	General.....	772	1,273	706
City of Joliet....	22	17.08	30	11.13	30	19.23	30	20.43	American...	Barber Steamship Co. (S. B.)...	395.0	55.1	26.6	Philadelphia..	Chemulpo.....	Kerosene oil....	(g)	7,316	5,130
Noemi (b).....	25	17.40	31	5.55	31	14.17	1	10.22	French.....	Soc. Gen. de Armement.....	281.0	40.0	13.5	Nantes.....	San Francisco.	Ballast.....			2,013
Rosana (c).....	27	14.43	31	6.18	31	14.08	31	10.22	Costa Rican.	Alberto Fait.....	107.7	25.0	7.0	Cristobal.....	Puntarenas...	General.....	62	256	185
Iceland.....	20	11.55	31	6.37	31	14.08	31	15.12	American...	U. S. & Australian Line (S. B.)..	400.7	54.2	24.5	New York.....	Lyttleton.....	General.....	5,800	6,528	4,732
Minnequa.....	30	17.15	31	7.55	31	15.23	31	16.26	American...	Wessel Duval & Co. (S. B.).....	390.0	54.2	20.3	New York.....	Talcahuano...	General.....	5,000	6,106	4,355
Edgemoor (d)...	28	10.15	31	10.00	31	16.54	31	18.22	American...	United States Army (S. B.).....	423.9	54.0	21.0	New York.....	San Francisco.	General.....	3,859	7,486	5,827
Santa Elisa....	31	12.04	1	6.21	31	13.28	1	14.20	American...	W. R. Grace & Co.....	360.3	51.7	22.6	New York.....	Valparaiso...	General.....	2,242	5,957	4,325
West Cajooft...	31	19.10	1	6.30	31	14.37	2	19.48	American...	Cosmopolitan S. S. Corp. (S. B.)	410.0	54.4	25.0	Norfolk.....	Honolulu.....	Navy coal.....	7,049	6,447	4,698
Astmacho III...	1	7.15	1	11.24	2	13.00			American...	Astoria Mahogany Co.....	265.0	42.5	13.0	New York.....	Balboa.....	Ballast.....	2,425		1,729
D. G. Schofield.	2	1.05	2	6.52	2	13.57	2	17.58	American...	Standard Oil Co.....	439.4	58.0	27.0	Tampico.....	San Francisco.	Crude naphtha..	10,000	8,912	6,254
Bermuda.....	2	4.05	2	7.33	2	15.30	3	5.20	British.....	Lawther, Latta & Co.....	469.0	57.2	17.0	Cardiff.....	Portland.....	Ballast.....		8,886	6,775
Chile.....	23	19.07	2	10.06	2	17.05	2	20.21	British.....	Pacific Steam Navigation Co....	350.3	43.1	19.0	Cristobal.....	Valparaiso...	General.....	1,424	4,065	2,668
Aviles.....	2	15.05	3	6.17	3	13.12	3	14.30	Spanish....	Cia. Genl. de Navigacion.....	370.0	42.2	14.0	Cartagena (f).	Arica.....	Ballast.....			
Tsurugisan																			
Maru.....	3	6.15	3	7.45	3	16.03	3	17.25	Japanese...	Mitsui Bussan Kabushiki Kaisha	356.0	45.0	24.6	Newport News	Iquique.....	Coal.....	4,740	4,100	3,033
Manavi.....	30	18.30	4	6.17	4	13.20	4	15.20	British.....	Pacific Steam Navigation Co....	216.0	35.2	13.0	Cristobal.....	Guayaquil....	General.....	705	1,357	884
Coalinga.....	4	1.20	4	7.00	4				American...	Union Oil Co.....	471.0	55.0	30.0	Point Lobos...	Antofagasta...	Crude oil.....	(h)	8,108	5,877
Otira.....	4	6.47	4	7.29	4	14.29	4	20.30	British.....	Shaw, Saville & Albion Co.....	450.0	58.0	27.0	Montreal.....	Sydney.....	General.....	6,109	8,154	5,309
Corinthic.....	3	17.20	4	7.55	4	16.06	4	17.35	British.....	White Star Line.....	500.0	63.3	28.1	London.....	Auckland.....	General.....	4,500	12,792	9,506
Woudrichen....	3	23.17	4	9.05	4	16.55			American...	Keystone Eng. & Equip. Co....	355.0	43.5	22.9	New York.....	Canton.....	General.....	3,750		
Hornet (e).....	4	8.10	4	9.55	4	17.24	5	8.04	American...	S. E. Slade Lumber Co.....	176.0	38.0	15.8	Jacksonville...	San Francisco.	Ballast.....		713	438
Gen. O. H.																			
Ernst.....	2	17.10	4	11.36	4	19.01	4	20.00	American...	Panama Railroad Steamship Line	356.4	45.3	17.4	Jacksonville...	Caleta Buena.	Ballast.....		4,503	2,764
Essequibo.....	3	12.09	4	11.46	4	18.19	4	20.00	British.....	Pacific Steam Navigation Co....	466.1	57.6	26.6	New York.....	Valparaiso...	General.....	2,713	9,037	6,089

(a) Power schooner. (b) Bark. (c) Motor ship. (d) Transport. (e) Steam schooner. (f) Spain. (g) 216,000 cases oil and 300 barrels. (h) 70,000 barrels.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Submarine R-26	28	12.30	29	7.12	29	15.02			American...	United States Navy.....				High seas.....	Cristobal.....				
Durham.....	28	17.55	29	7.59	29	15.30	29	17.20	British.....	Federal Steam Navigation Co....	420.7	54.0	22.0	Adelaide.....	New York.....	(i)	3,766	7,137	5,296
S. V. Harkness	29	1.18	29	8.07	29	16.15	29	19.55	American...	Standard Oil Co.....	419.4	57.2	19.0	Iquique.....	Tampico.....	Ballast.....		7,443	5,545

(i) Lumber, tallow, gum, and machinery.

Pomona.....	28	6.19	29	8.41	29	17.40	29	17.40	American...	Williams Dimond & Co. (S. B.)..	440.0	56.0	27.6	Seattle.....	Antwerp.....	General.....	8,500	8,300	6,026
Einigkeit (j)...	29	6.30	29	9.11	29	17.33	...	...	German...	German Government.....	153.1	27.0	10.0	Arica.....	Cristobal (p)...	Ballast.....	...	576	231
Indus.....	29	15.05	30	6.28	30	15.35	30	18.50	Swedish...	East Asiatic Co.....	410.5	54.1	24.0	Portland.....	Hull, Eng.....	Wheat.....	7,493	6,646	5,032
Orcoma.....	29	16.30	30	6.39	30	14.45	30	19.20	British...	Pacific Steam Navigation Co....	511.6	62.2	23.0	Valparaiso....	Liverpool....	General.....	2,503	12,267	7,942
Orteric.....	30	6.45	30	8.15	30	16.20	31	6.31	British...	Andrew Weir & Co.....	412.3	55.5	27.5	Tocopilla.....	Alexandria....	Nitrates.....	9,550	7,159	5,309
Manavi.....	30	3.00	30	11.03	30	18.30	4	6.17	British...	Pacific Steam Navigation Co....	216.0	35.1	13.9	Guayaquil....	Cristobal.....	General.....	705	1,357	884
Bradford.....	26	20.30	30	12.17	30	19.35	30	19.35	American...	Standard Oil Co.....	426.9	54.6	22.6	Antofagasta...	Tampico.....	Ballast.....	...	7,318	5,458
Hathor.....	29	7.00	30	12.21	(o)	...	...	...	German...	Kosmos Line.....	471.9	61.0	21.3	Antofagasta...	Cristobal (p)...	(q)	7,987	9,108	6,707
Culebra (k).....	4-3	20.11	30	11.27	...	...	...	...	American...	United States Government.....	288.0	47.6	10.11	Balboa.....	Paraiso, C. Z..	...	...	2,245	159
Watsonwan.....	30	11.00	30	12.40	30	23.23	31	11.07	American...	Luckenbach Line (S. B.).....	400.7	54.2	26.0	San Francisco.	New York....	General, lumber.	6,721	...	...
Point Bonita...	29	8.00	30	12.46	30	22.05	2	7.04	American...	Pacific Mail Steamship Co.....	289.0	44.1	19.0	San Francisco.	Baltimore....	General.....	2,458	2,895	1,993
Ballena.....	31	1.10	31	7.40	31	15.05	31	21.10	British...	Pacific Steam Navigation Co....	400.1	52.1	26.0	Valparaiso....	Cristobal (p)...	Nitrates.....	7,200	5,816	4,113
San Joaquin....	31	2.80	31	7.48	31	15.37	31	17.20	Norwegian..	W. Wilhelmsen.....	425.5	57.1	18.0	Antofagasta...	Tampico.....	Ballast.....	...	7,059	5,081
Nishmaha.....	31	6.15	31	8.45	31	17.35	31	20.30	American...	U. S. & A. Line (S. B.).....	402.5	53.2	25.3	Noumea, N. C	New York....	Chrome ore....	8,000	6,611	4,794
Javary.....	31	12.15	31	13.13	31	19.52	31	20.38	American...	Garland Steamship Corp.....	235.5	34.3	16.0	Hankow.....	New York....	Wood oil.....	1,200	1,434	1,000
Balboa.....	31	16.05	1	6.21	1	13.27	5	6.12	American...	Colombian Maritime S. S. Co...	190.0	29.1	12.3	Buenaventura.	Cristobal.....	(r)	606	741	350
Halo.....	31	3.45	1	6.49	1	14.22	1	16.00	American...	McCormack & McPherson (S.B.)	435.0	56.0	17.0	San Francisco.	Palo Blanco...	Ballast.....	...	...	...
Ancon.....	31	23.00	1	7.48	1	16.35	1	21.35	American...	Panama Railroad Steamship Line	489.5	58.0	30.4	Mejillones....	New Orleans..	Nitrates.....	11,285	10,157	7,689
C. W. Fields (l)	25	15.40	1	7.57	1	16.15	...	...	American...	United States Army.....	133.0	32.5	...	Balboa.....	Cristobal.....	(s)	4,107	5,726	4,086
Santa Teresa...	1	12.15	1	8.03	1	14.47	1	15.26	American...	W. R. Grace & Co.....	360.2	51.6	24.6	Valparaiso....	New York....	General.....	1,546	5,192	3,593
Bologna.....	1	6.00	1	9.04	1	17.26	5	8.42	Italian.....	La Veloce Line.....	380.3	46.8	20.6	Valparaiso....	Genoa.....	General.....	...	...	...
Sciota (j).....	23	16.44	1	9.20	1	16.15	...	...	American...	United States Navy.....	155.0	30.0	...	Balboa.....	Cristobal.....	Nitrates.....	4,100	4,782	3,336
Scrata.....	1	21.20	2	7.47	2	15.15	2	17.55	British...	Pacific Steam Navigation Co....	390.0	47.3	22.0	Valparaiso....	Bilbao.....	Ballast.....	...	6,438	4,391
Caddo.....	19	4.00	2	12.27	2	19.14	3	12.05	American...	Standard Oil Co.....	415.0	55.2	18.0	Pisagua.....	Tampico.....	Frozen, general..	4,260	7,449	5,414
Kumara.....	3	1.15	3	7.50	3	15.25	3	18.35	British...	Shaw, Saville & Albion Co.....	425.1	54.2	23.6	Wellington....	London.....	General.....	138	11,365	6,346
Jason (m).....	3	12.15	3	8.00	3	15.45	4	16.48	American...	United States Navy.....	514.0	65.0	20.6	San Francisco.	Hampton R'ds	Ballast.....	...	...	8
India (n).....	2	15.00	3	8.00	3	16.10	3	16.10	Panaman...	Lutri & Mora.....	34.4	9.3	2.0	Panama.....	Colon.....	Ballast.....	...	...	...
Richeoncal....	3	7.10	3	8.55	3	17.10	3	17.38	American...	Struthers & Dixon (S. B.).....	435.0	56.0	19.5	San Francisco.	Tampico.....	General.....	94	3,666	2,577
Palena.....	3	3.00	3	9.30	3	16.08	6	11.48	Chilean....	South American Steamship Line.	350.0	42.1	19.5	Valparaiso....	Cristobal.....	Nitrates.....	8,826	6,841	4,816
Bellepline....	31	19.30	4	6.55	4	15.55	4	17.50	American...	Robert Hasler & Co. (S. B.)....	395.5	55.0	26.6	Antofagasta...	New Orleans..	Frozen, general..	3,259	...	...
Wangaratta....	3	12.45	4	7.11	4	14.50	4	15.42	British...	British India Steam Nav. Co....	450.0	58.5	22.0	Wellington....	New York....	Nitrates.....	7,450	...	...
Grelbank.....	31	13.00	4	9.18	4	16.50	4	16.50	British...	J. C. Gould.....	400.3	52.3	24.6	Taltal.....	Alexandria....	General.....	147	2,352	1,602
San Jose.....	4	2.00	4	11.38	4	18.25	...	...	American...	Pacific Mail Steamship Co.....	283.0	37.0	21.0	San Francisco.	Cristobal.....	Ballast.....	...	...	...
Barges 4 and 5.	4	...	4	14.45	4	...	...	...	Panaman...	Thompson & Daly.....	124.0	24.5	...	Panama.....	Colon.....	...	...	...	...

(j) Tug. (k) Dredge. (l) Mine planter. (m) Collier. (n) Launch. (o) Anchor in Gatun Lake. (p) For orders. (q) Coconut cake, nitrate, asphalt, and lumber. (r) Castor seed, cocoa, coffee, hides, rubber, and nuts. (s) Nitrates, vanadium, and general.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
Aug. 29.....	Calamares.....	United Fruit Co.....	Port Limon.	Aug. 29.....	Calamares.....	United Fruit Co.....	New York via Habana.
Aug. 30.....	Pastores.....	United Fruit Co.....	New York via Habana.	Aug. 29.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
Aug. 30.....	Meltonian.....	Leyland Line.....	Liverpool and wayports.	Aug. 30.....	Allianca.....	Panama Railroad Steamship Line..	New York via Haiti.
Aug. 31.....	Puerto Rico.....	French Line.....	Havre via wayports.	Aug. 31.....	Pastores.....	United Fruit Co.....	Port Limon.
Aug. 31.....	Teviot.....	Royal Mail Steam Packet Co.....	London.	Sept. 1.....	Santa Leonora (d)...	United States Army.....	New Orleans.
Aug. 31.....	Buford (d).....	United States Army.....	New York via San Juan.	Sept. 1.....	Abangarez.....	United Fruit Co.....	New Orleans.

(Continued on page 56, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight September 11, 1920.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship	Arrived at port		Entered Canal		Completed transit		Cleared for sea		Nationality	Line	Length	Beam	Salt water draft	From—	For—	Cargo		Panama Canal tonnage	
	Day	Hour	Day	Hour	Day	Hour	Day	Hour								Nature	Tons	Gross	Net
Ucayali.....	24	7.40	5	6.10	5	13.10	5	18.06	Peruvian...	Peruvian Line.....	374.2	46.3	19.2	Cristobal.....	Callao.....	General.....	1,341	4,466	2,405
Balboa.....	1	3.27	5	6.12	5	13.36	5	21.45	American...	Colombian Maritime Co.....	190.0	29.1	13.8	Cristobal.....	Buenaventura...	General.....	226	741	350
Rooke.....	4	6.40	5	6.35	5	15.13	5	16.08	British.....	F. C. Strick & Co.....	345.9	48.1	22.6	Cardiff.....	Coquimbo.....	Coal.....	4,601	4,061	2,961
Maricopa.....	5	3.50	5	7.03	5	17.29	5	20.00	Norwegian..	W. Wilhelmsen.....	435.0	57.0	27.0	Tampico.....	Tocopilla.....	Crude oil.....	10,000	6,996	5,118
Neptune (a)...	5	8.06	5	8.29	5	16.20	8	9.48	American...	United States Navy.....	542.0	65.0	24.8	Philadelphia..	Pearl Harbor..	Coal, misc.....	5,339		
Artigas.....	5	7.17	5	8.40	5	18.07	5	19.05	American...	N. Atlantic & Western Co. (S. B.)	390.0	54.2	19.8	Boston.....	Seattle.....	General.....	3,800	6,161	4,427
Trecarrell.....	5	13.55	6	6.21	6	13.05	6	17.43	British.....	Hain Steamship Co.....	400.0	52.0	15.7	Cardiff.....	Tocopilla.....	Ballast.....		5,790	4,067
Tairoa.....	2	5.19	6	6.32	6	14.52	6	16.35	British.....	Shaw, Saville & Albion Co.....	477.0	63.2	18.6	New York.....	Brisbane.....	General.....	8,347	11,192	8,149
Morristown...	5	12.41	6	6.45	6	15.53	6	16.57	American...	Wessel Duval & Co. (S. B.).....	377.0	52.8	19.0	New York.....	Valparaiso...	General.....	4,000	5,206	3,743
Lucie Woer- mann.....	6	10.00	6	10.5	6	18.18	7	16.30	German....	New Zealand Shipping Co.....	365.0	48.0	22.0	Hamburg.....	Iquique.....	Ballast.....		4,897	3,640
Palena.....	3	8.08	6	11.48	6	18.28	6	23.00	Chilean....	South American Steamship Line.	350.0	42.0	23.6	Cristobal.....	Valparaiso...	General.....	557	3,666	2,577
Standard Arrow	6	12.41	6	13.00	6	19.59	6	21.00	American...	Standard Transportation Co.....	467.6	62.7	27.0	Beaumont....	Taku, China..	Petroleum.....	10,481	9,931	7,019
Sag Harbor....	6	20.30	7	6.17	7	14.43	8	11.50	American...	W. H. Tracy & Co. (S. B.).....	264.0	42.2	22.6	Norfolk.....	Iquique.....	Coal.....	2,882	2,504	1,701
Galdamas.....	6	6.12	7	6.18	7	13.45	7	14.37	Spanish....	Cia. Auxiliar Maritima.....	331.9	46.11	14.6	Bilbao.....	Balboa (c)...	Ballast.....		3,686	2,632
Memphis.....	6	12.40	7	6.23	7	13.36	7	14.35	British.....	Pacific Steam Navigation Co....	471.0	61.0	16.6	London.....	Portland.....	Ballast.....		9,100	6,754
Kent.....	6	19.23	7	6.28	7	15.24	7	16.30	British.....	Federal Steam Navigation Co....	460.0	52.9	30.0	Liverpool....	Auckland.....	General.....	8,600	10,503	8,121
Canada Maru..	7	6.54	7	7.58	7	15.31	7	16.35	Japanese...	Osaka Shosen Kaisha.....	400.0	51.0	20.0	New Orleans..	Kobe.....	General.....	258	5,999	4,101
Heilbronn.....	7	6.56	7	12.05	7	19.00	7	21.52	British.....	British Ministry of Shipping....	474.9	60.6	20.0	Cardiff.....	Colombia Riv.	Ballast.....		9,028	6,151
San Jose.....	4	18.25	8	6.12	8	12.48	8	15.50	American...	Pacific Mail Steamship Co.....	283.0	37.0	17.8	Cristobal.....	San Francisco.	General.....	1,849	2,352	1,602
H. M. Flagler..	7	21.50	8	6.40	8	14.19	(b)		American...	Standard Oil Co.....	461.3	60.0	26.3	Tampico.....	Balboa.....	Fuel oil.....	(c)	8,606	6,525
Stanley Dollar.	8	3.00	8	7.22	8	14.25	8	21.58	American...	Robert Dollar Steamship Line...	288.8	44.6	19.6	New York.....	San Francisco.	General.....	2,000	3,460	2,404
Eemdiik.....	8	5.55	8	8.00	8	15.30	8	16.30	Dutch.....	Holland-American Line.....	467.0	58.0	15.6	Rotterdam...	Vancouver....	General.....	20	8,514	6,066
Patoka.....	6	6.15	8	6.23	10	15.12	10	16.00	American...	United States Navy.....	477.0	60.0	23.6	Port Arthur..	Cavite.....	Fuel oil.....	6,000		
Theodore Roosevelt....	9	7.18	9	7.48	9	14.49	10	7.56	Norwegian..	Fred Olsen & Co.....	425.5	55.2	12.0	Christiania...	Valparaiso...	General.....	700	7,593	5,637
Salvador.....	5	18.55	11	6.15	11	13.05	11	14.58	British.....	Pacific Steam Navigation Co....	215.0	33.0	15.6	Cristobal.....	Champerico...	General.....	975	1,213	692
Lima Maru....	10	11.55	11	6.20	11	13.59	11	14.58	Japanese...	Nippon Yusen Kabushiki Kaisha	445.0	58.0	24.6	New York.....	Shanghai.....	(d)	6,980	7,674	5,383
Corcovado....	10	10.53	11	6.25	11	15.20	11	16.41	British.....	Pacific Steam Navigation Co....	390.0	47.0	23.5	Liverpool....	Coronel.....	General.....	4,160	4,976	3,273
Ansaldo San Giorgio IV....	10	1.30	11	6.30	11	14.50	11	15.06	Italian.....	Soc. Nazionale de Nav.....	393.11	51.0	15.6	Genoa.....	Valparaiso...	General.....	900		
Yeifuku Maru..	10	16.13	11	6.31	11	15.40	11	16.40	Japanese...	Kokusai Kisen KabushikiKaisha	385.0	51.0	26.8	Port Arthur..	Shanghai.....	Case oil.....	7,000	5,933	4,595

(a) Collier.

(b) Returned north.

(c) For orders.

(d) Structural steel and general.

(e) 70,500 barrels.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Alssund.....	4	14.00	5	6.33	5	15.05	5	18.45	Danish.....	Th. Just.....	315.3	44.8	23.4	Puntarenas...	Hamburg.....	General.....	5,050		
Justin.....	4	17.09	5	6.36	5	15.00	5	15.00	American...	Garland Steamship Corp.....	277.0	39.0	14.7	San Francisco.	New York.....	General.....	680		
Hermes.....	4	19.00	5	7.40	5	16.50	5	20.44	Dutch.....	Royal Netherland Steamship Co.	344.6	46.1	19.6	Antofagasta..	Havre.....	General.....	3,885	3,949	2,685
Quernstad....	4	19.30	5	7.54	5	16.20	5	18.10	Norwegian..	B. J. Grefstad.....	290.0	42.0	19.0	Taltal.....	Savannah....	Nitrates.....	3,334	2,385	1,668
Cauca.....	5	4.00	5	9.54	5	17.08			British.....	Pacific Steam Navigation Co....	246.0	35.2	14.6	Guayaquil....	Cristobal.....	General.....	416	1,582	1,023

Salvador.....	5	10.30	5	12.13	5	18.55	11	6.15	British.....	Pacific Steam Navigation Co....	215.0	33.5	13.6	Champerico...	Cristobal.....	General.....	556	1,213	692
Mevania.....	5	11.45	5	12.38	5	20.40	6	17.48	American...	Walker & Daly (S. B.).....	425.8	57.0	27.0	San Francisco.	New York....	Gas, oil.....	(l)		
City of Para...	5	1.00	6	6.33	6	17.00			American...	Pacific Mail Steamship Co.....	345.0	38.6	18.6	San Francisco.	Cristobal.....	(h)	667	3,739	2,459
Waukegan.....	5	14.30	6	7.06	6	18.00	6	18.00	American...	Barber Steamship Line (S. B.)..	395.8	55.0	27.2	Ilo Ilo.....	Philadelphia..	Sugar, lumber...	10,000	7,285	5,256
Cordelia.....	8-30	5.00	6	13.35	6	20.50	6	21.00	British.....	C. T. Bowring Co.....	420.3	54.6	17.0	Taltal.....	Tampico.....	Ballast.....		6,690	4,971
Amazon Maru..	6	16.00	7	6.35	7	14.45	7	17.35	Japanese...	Osaka Shosen Kaisha.....	425.0	56.2	27.0	Singapore....	New York....	(i)	8,132	7,901	5,629
Slavic Prince...	7	14.30	8	6.40	8	15.15	8	17.00	British.....	Prince Line, Ltd.....	448.5	57.2	27.6	Shanghai....	New York....	General.....	9,300	9,139	6,725
Antinous.....	7	19.50	8	7.52	8	15.45	9	6.08	American...	Green Star Line.....	401.4	53.2	27.0	Colombia river	Southampton.	Ties.....	(m)	7,082	5,167
Grangepark....	7	23.30	8	8.04	8	15.37	11	19.45	British.....	Denholm Line.....	400.5	52.3	22.6	Valparaiso...	New York....	(j)	5,000	5,710	4,017
Ebro.....	9	6.30	9	7.55	9	15.38	10	11.55	British.....	Pacific Steam Navigation Co....	450.3	57.8	25.0	Valparaiso...	New York....	General.....	3,374	9,089	6,215
Duendes.....	9	11.45	9	12.45	9	19.30	10	6.30	British.....	Pacific Steam Navigation Co....	390.0	50.0	17.6	Punta Arenas..	Liverpool....	(k)	1,593	6,014	4,494
Marica (f).....	7	7.00	9	14.13	9	21.15	9	21.20	American...	United States Army.....	448.9	60.2	29.0	San Francisco.	New York....	General.....	8,700	9,272	6,834
H. M. Flagler..	8	14.19	9	15.57	9	22.25	9	22.25	American...	Standard Oil Co.....	461.6	60.0		Balboa.....	Tampico.....	Ballast.....		8,606	6,525
Lake Fluvanna.	8	18.30	10	6.33	10	15.35	10	19.50	American...	Earn Line (S. B.).....	251.0	43.5	20.6	Caleta Buena.	Philadelphia..	Nitrates.....	3,150		
The Angeles....	9	7.30	10	10.35	10	17.40	10	17.55	American...	Col. Pacific Steamship Co. (S. B.)	410.0	54.4	24.0	Portland.....	Leith.....	Wheat.....	6,104	6,476	4,685
Tascalusa.....	10	15.00	11	6.48	11	13.50	11	13.50	British.....	Standard Transportation Co....	420.5	54.4	19.0	San Francisco.	Beaumont....	Ballast.....		6,661	4,610
Steel Trader...	10	15.35	11	6.58	11	14.15	11	17.20	American...	United States Steel Products Co.	424.2	56.2	24.0	Vancouver....	New York....	Lumber, general.	6,000		
Mount Etna...	10	16.20	11	7.28	11	15.00	11	18.15	British.....	Sefton Steamship Co.....	380.0	49.0	22.6	Vancouver....	Genoa.....	Lumber, general.	5,900	4,630	3,421
West Kader....	10	23.00	11	8.42	11	16.10	11	16.15	American...	Sudden Christianson (S. B.)....	410.0	54.0	23.6	Portland.....	Cork.....	Wheat.....	6,140	6,623	4,893
West Kedron...	11	4.30	11	9.12	11	17.20	11	23.15	American...	Williams Dimond (S. B.).....	410.5	54.3	23.0	San Francisco.	United King..	Barley..... (n)	7,028		
West Togus....	11	9.30	11	10.39	11	18.45	11	21.25	American...	N. Atlantic & Western Co. (S. B.)	409.8	54.2	25.0	Tacoma.....	New York....	Flour..... (o)	6,919	6,589	4,838
Celebes Maru..	10	18.30	11	12.33	11	19.45	11	19.45	Japanese...	Osaka Shosen Kabushiki Kaisha.	385.0	51.0	18.6	Calcutta.....	New Orleans..	General.....	2,609	6,014	4,406
Chance Devine g	11	6.00	11	8.30	12	14.30			Panaman...	D. Rotti.....	19.5	3.4		Panama.....	Colon.....			1	1

(f) U. S. Army transport. (g) Cayuco. (h) Coffee, hides, skins, and merchandise. (i) Coconut oil, lumber, rubber, rice, sugar, and general. (j) Cotton, sugar, and ores. (k) Wool, skins, ores, etc. (l) 60,000 barrels. (m) 4,798,000 ft. B. M. (n) Short tons. (o) Long tons.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
Sept. 5.....	Pastores.....	United Fruit Co.....	Port Limon.
Sept. 5.....	Chinampa.....	Standard Oil Co.....	Tampico.
Sept. 6.....	Ulua.....	United Fruit Co.....	New York via Habana.
Sept. 6.....	Cartago.....	United Fruit Co.....	New Orleans.
Sept. 7.....	Stuyvesant.....	Royal Dutch West India Mail Co.	Amsterdam and wayports.
Sept. 8.....	Atenas.....	United Fruit Co.....	N. O. and wayports.
Sept. 8.....	Frednes.....	J. C. Knudsen.....	New York.
Sept. 9.....	Elm Leaf.....	Anglo-Saxon Petroleum Co.....	Curacao.
Sept. 9.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
Sept. 9.....	Ulysses.....	Panama Railroad Steamship Line..	Norfolk.
Sept. 10.....	Cristobal.....	Panama Railroad Steamship Line..	New York.
Sept. 10.....	Calcutta (H. M. S.)..	British Government.....	Trinidad.
Sept. 10.....	Bonham.....	United States Shipping Board.....	Cienfuegos.
Sept. 11.....	Vinton County.....	United States Shipping Board.....	New York.

*DEPARTURES.

Date.	Vessel.	Line.	For—
Sept. 5.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
Sept. 5.....	Colon.....	Panama Railroad Steamship Line..	New York.
Sept. 5.....	Pastores.....	United Fruit Co.....	New York via Habana.
Sept. 6.....	Owl.....	United States Navy.....	Norfolk.
Sept. 7.....	Ulua.....	United Fruit Co.....	Port Limon.
Sept. 8.....	Chinampa.....	Standard Oil Co.....	Tampico.
Sept. 8.....	Cartago.....	United Fruit Co.....	New Orleans, via Bocas, Limon, and Habana.
Sept. 8.....	Stayvesant.....	Royal Dutch West India Mail Co.	Cartagena.
Sept. 8.....	Atenas.....	United Fruit Co.....	New Orleans.
Sept. 8.....	Frednes.....	J. C. Knudsen.....	Cape Gracias.
Sept. 9.....	Gen. W. C. Gorgas...	Panama Railroad Steamship Line..	Puerto Colombia.

PORT OF BALBOA.

*ARRIVALS.

Sept. 6.....	Guardian (p).....	All America Cables Co.....	Callao.
Sept. 11.....	Cleveland (q).....	United States Navy.....	Amapala.

*DEPARTURES.

Sept. 5.....	Tacoma (q).....	United States Navy.....	San Francisco.
Sept. 7.....	Kaisho Maru.....	Katsuda Steamship Co.....	Valparaiso.
Sept. 8.....	Guardian (p).....	All America Cables Co.....	Callao.

(p) Cable ship. (q) Cruiser. *Other than ships passing through the Canal.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

MOVEMENTS OF OCEAN VESSELS. *Week ending at midnight September 18, 1920.*

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship	Arrived at port		Entered Canal		Completed transit		Cleared for sea		Nationality	Line	Length	Beam	Salt water draft	From—	For—	Cargo		Panama Canal tonnage	
	Day	Hour	Day	Hour	Day	Hour	Day	Hour								Nature	Tons	Gross	Net
John W. Wells	5	15.55	12	6.35	12	20.26	14	21.33	American...	Pacific Freighters.....	267.8	47.0	15.0	Ipswich.....	Puget Sound..	Ballast.....		2,559	2,352
Kingfisher (2)	8-24	17.35	12	7.05	12	15.20	12	16.45	American...	United States Navy.....	181.0	35.7	13.0	Norfolk.....	San Diego.....				
India (3)	3	16.10	12	6.30	12	16.40	12	18.21	Panaman...	Albel Mora.....	34.4	9.3	2.0	Colon.....	Panama.....	Ballast.....	8		8
Gothic Prince..	12	19.40	13	6.20	13	15.24	13	16.20	British....	Prince Line, Ltd.....	448.0	57.0	27.0	New York....	Far East.....	General, case oil.	8,800	8,648	6,232
Juneau.....	12	21.20	13	6.42	13	15.47	15	13.35	American...	Alaska Steamship Co.....	244.0	42.3	19.0	Jucaro.....	Vancouver....	Sugar.....	2,867	2,544	1,927
Ullstad.....	13	6.58	13	8.55	13	16.28	13	19.00	Norwegian..	Grefstad Rederi.....	350.0	50.8	15.0	Liverpool....	Balboa (s)....	Ballast.....		4,813	3,374
Glenshane.....	13	12.15	13	12.45	13	21.55	14	8.01	British....	Glen Line, Ltd.....	412.0	55.8	28.0	London.....	Yokohama....	General.....	8,273	6,596	4,602
City of Para...	6	17.00	14	6.26	14	13.45	14	22.35	American...	Pacific Mail Steamship Co.....	345.0	38.6	23.3	Cristobal....	San Francisco.	General.....	4,680	3,739	2,459
Surrey.....	14	9.40	14	10.00	14	17.31	14	18.35	British....	Federal Steam Navigation Co...	460.0	62.9	28.6	New York....	Wellington...	General.....	10,672	10,000	7,285
Suruga.....	13	21.19	14	10.55	14	18.26	14	20.05	American...	Barber Steamship Co.....	375.3	52.0	23.8	New York....	Manila.....	General.....	6,545	5,137	3,812
Point Adams...	13	11.48	15	6.05	15	14.05	15	17.45	American...	Pacific Mail Steamship Co.....	289.0	44.0	20.6	Baltimore....	San Francisco.	General.....	2,931	2,895	1,967
Santa Luisa...	14	13.30	15	6.09	15	13.44	15	14.23	American...	W. R. Grace & Co.....	360.0	51.6	23.3	New York....	Valparaiso....	General.....	3,170	5,694	3,975
Gorbea Mendi..	14	17.35	15	6.20	15	14.59	15	16.05	Spanish....	Sota y Aznar.....	365.0	50.2	13.1	Sagunto, Spain	Arica.....	Ballast.....		4,614	3,250
Bradford.....	15	1.10	15	6.52	15	17.12			American...	Standard Oil Co.....	426.9	54.6	28.0	Point Lobos..	Pisagua.....	Crude oil.....	8,000	7,318	5,458
Texas.....	15	7.45	15	9.03	15	17.44	15	18.57	Dutch.....	United Steamship Co.....	364.0	48.5	23.6	Norfolk.....	Arica.....	Coal.....	5,707	4,817	2,515
Aysen.....	13	18.30	15	9.20	15	16.38	15	23.23	Chilean....	South American Steamship Line.	379.0	44.3	21.6	Cristobal....	Valparaiso....	General.....	510	4,535	3,068
Admiral Wainwright.....	15	10.55	15	11.35	15	19.43	16	19.13	American...	Dollar Steamship Co.....	221.5	40.0	18.5	Galveston....	Ocean Falls...	Sulphur.....	2,200	1,855	1,262
Gen. H. F. Hodges.....	13	22.25	16	6.07	16	14.10			American...	Panama Railroad Steamship Line	323.0	39.0	12.6	New York....	Balboa.....	Ballast.....		2,855	1,832
Jamaica.....	12	19.00	16	6.10	16	14.15	16	16.25	British....	Pacific Steam Navigation Co.....	220.0	34.0	13.7	Cristobal....	Tumaco.....	General.....	906	1,187	622
Orani.....	15	15.02	16	6.17	16	15.50	16	16.54	American...	Williams, Dimond & Co. (S. B.)	402.0	53.1	19.1	New York....	Seattle.....	General.....	4,318	6,577	4,954
Tonstad.....	15	12.33	16	6.19	16	15.54	16	16.55	Norwegian..	Grefstad Rederi.....	376.2	48.0	14.6	Newcastle,Eng	Caleta Buena.	Ballast.....		4,550	3,339
Broad Arrow...	15	17.46	16	6.25	16	16.03	16	16.57	American...	Standard Transportation Co.....	467.6	62.7	27.0	Sabina.....	Nagasaki.....	Kerosene.....	11,260	9,933	7,075
S. V. Harkness.	16	5.30	16	7.05	16	17.00	16	23.06	American...	Standard Oil Co.....	435.0	57.0	26.5	Tampico.....	Pisagua.....	Crude oil.....	8,856	7,443	5,545
Orator.....	15	22.22	16	8.40	16	18.02	16	19.27	British....	Harrison Line.....	385.5	52.0	20.0	Liverpool....	Los Angeles...	(6)	5,000	5,178	3,870
Port Victor...	15	22.55	16	9.42	16	18.40	16	20.24	British....	Commonwealth and Dom. Line..	470.0	63.0	28.6	Liverpool....	Dunedin.....	General.....	9,668	9,336	6,682
Charlton Hall...	16	6.15	16	12.00	16	19.46	16	21.15	American...	United States Steel Products Co.	400.0	50.0	27.1	New York....	Coronel.....	General.....	6,776	5,696	4,267
California (4)	16	17.29	17	6.25	17	13.58	17	15.08	Danish....	United Steamship Co.....	393.7	52.6	26.1	Norfolk.....	Antofagasta..	Coal.....	7,564	6,707	4,934
Ortega.....	16	17.05	17	6.53	17	14.55	17	17.07	British....	Pacific Steam Navigation Co....	465.0	56.0	23.9	Liverpool....	Valparaiso....	General.....	3,085	8,345	4,998
Lake Ellicott...	15	14.48	17	9.10	17	16.28	17	22.21	American...	N. O. & S. A. S. S. Line (S. B.)	253.0	43.0	18.0	New Orleans..	Valparaiso....	General.....	1,500	2,920	1,973
Guadamar.....	17	12.18	17	12.48	17	21.12	17	22.21	Spanish....	Naviera Guadelquira.....	350.0	43.0	14.5	Gibraltar....	Arica.....	Ballast.....		3,926	2,737
City of Edinburgh.....	17	15.45	18	6.25	18	13.27	19	22.40	British....	Ellerman City Line.....	459.0	52.5	25.0	New York....	Adelaide.....	General.....	6,800		
Steel Maker....	18	6.48	18	7.30	18	14.48	19	13.25	American...	United States Steel Products Co.	395.5	55.0	27.6	New York....	Vancouver....	Steel, general...	8,700	7,285	5,256
Caddo.....	18	7.05	18	7.39	18	15.21	18	20.32	American...	Standard Oil Co.....	414.3	55.0	29.0	Tampico.....	Pisagua.....	Crude oil.....	8,000	6,438	4,391
Witram.....	18	6.35	18	8.52	18	16.45	18	18.15	British....	Ministry of Shipping.....	438.0	57.0	16.0	Newcastle....	Portland.....	Ballast.....		7,461	5,084

(1) Bark.

(2) Mine sweeper, towing barge No. 24.

(3) Launch.

(4) Motor ship.

(5) For orders.

(6) Pig iron, chalk, and general.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Pakeha.....	11	13.30	12	6.49	12	13.58	12	13.58	British.....	Shaw, Savill & Albion Co.....	477.5	63.1	26.2	Sydney.....	London.....	Frozen, general..	7,335	10,995	8,173
Astmacho III..	2	13.00	12	7.10	12	16.00	12	16.08	American...	Astoria Mahogany Co.....	265.0	42.5	13.0	Balboa.....	New York....	Ballast.....	2,425	1,729	
Bogota.....	11	22.15	12	8.13	12	15.25	12	17.05	British.....	Pacific Steam Navigation Co....	400.0	52.4	22.0	Valparaiso....	Liverpool....	(13)	4,500	5,733	4,015
Oak Branch....	12	3.00	12	8.22	12	16.50	12	20.05	British.....	F. & W. Ritson.....	385.0	49.8	23.1	Talcahuano....	Liverpool....	(14)	6,461	5,188	4,105
Bath.....	11	23.05	12	8.28	12	17.30	14	20.05	American...	United States Navy.....	344.0	46.0	14.6	Seattle.....	Hampton R'ds	Gen., for Navy..	278	3,945	2,564
Lake Elkwater.	11	7.30	12	9.28	12	17.45	12	18.50	American...	Amer. Metals Transp. Co. (S.B.)	253.4	43.6	22.6	Honolulu.....	Boston.....	Can'd pineap'les.	3,455	2,940	1,976
Aysen.....	12	5.00	12	9.39	12	18.30	15	9.20	Chilean.....	South American Steamship Co..	379.6	44.3	18.6	Valparaiso....	Cristobal....	General.....	6421	4,535	3,068
Delisle.....	12	8.20	12	10.14	12	20.00	13	15.55	American...	McCormack & McPherson (S.B.)	320.7	46.0	22.0	Antofagasta...	Cristobal (s)	Nitrates.....	4,450	3,803	2,350
Jamaica.....	12	8.00	12	10.37	12	19.00	16	6.10	British.....	Pacific Steam Navigation Co....	220.0	34.0	12.5	Tumaco.....	Cristobal....	General.....	434	1,187	622
Haymon.....	11	20.30	12	12.42	12	20.30	12	22.50	American...	Col. Pacific Steamship Co. (S.B.)	402.5	53.0	26.6	Tacoma.....	New York....	Flour.....	8,500	6,525	4,756
Lisbon Maru...	12	12.30	12	13.37	12	21.25	12	23.00	Japanese...	Nippon Yusen Kaisha.....	445.0	58.0	19.6	Yokohama....	New York....	General.....	8,272	7,608	5,479
Urubamba.....	12	4.15	12	14.30	12	22.14	20	6.00	Peruvian...	Peruvian Line.....	381.2	45.9	22.0	Callao.....	Cristobal....	General.....	3,233	4,803	2,951
Renown (7)....	13	6.00	13	6.58	13	15.45	14	7.01	British.....	British Navy.....	795.0	92.0	31.0	Honolulu.....	United King..				32,000
Radnor.....	13	7.30	13	8.29	13	16.55	14	8.10	American...	Barber S. S. Line, Inc. (S. B.)..	434.3	57.7	26.0	Manila.....	New York....	(15)	10,004	7,993	5,871
Hattie Lucken- bach.....	13	12.01	13	9.31	13	17.30	13	17.40	American...	Luckenbach Line.....	331.5	47.0	23.0	San Francisco.	New York....	General.....	3,800	4,708	3,768
Hororata.....	13	10.30	13	11.25	13	19.30	14	13.50	British.....	New Zealand Shipping Co.....	511.1	64.2	27.6	Melbourne....	New York....	Frozen, general..	5,562	12,623	8,598
Benjamin Brewster....	12	17.05	13	15.00	13	22.25	14	4.45	American...	Standard Oil Co. of N. J.....	411.6	53.4	22.0	Iquique.....	Tampico.....	Ballast.....	6,360	4,337	
Lake Fitch....	13	16.40	14	6.46	14	14.00	14	15.00	American...	Wessel Duval & Co. (S. B.)....	253.4	43.8	24.2	Antofagasta...	Wilmington..	Nitrates.....	3,811	2,939	2,017
Santa Rosa....	14	3.00	14	7.45	14	15.00	14	21.25	American...	W. R. Grace & Co.....	404.6	53.9	28.1	Puntarenas...	Cristobal (s)	(16)	8,700	6,744	4,804
Grelcaldy....	14	4.30	14	8.39	14	16.35	14	17.35	British.....	Gould Steamship Industrial Ltd.	380.0	51.0	24.0	Iquique.....	Dunkirk.....	Nitrates.....	6,902	5,296	3,935
Fargo.....	13	15.00	14	9.50	14	17.23	15	1.20	American...	Paragon Shipping Co. (S. B.)....	251.0	43.6	23.0	Iquique.....	Baltimore....	Nitrates.....	3,486	2,857	1,782
Coutolene....	14	10.15	14	11.03	14	18.55	14	21.15	American...	Hasler Brothers (S. B.).....	253.4	43.7	23.0	Tocopilla....	Jacksonville..	Nitrates.....	3,660	2,828	1,747
Rosana (8)....	14	2.00	15	7.07	15	15.52	19	6.07	Costa Rican.	Alberto Fait & Co.....	107.7	25.0	8.0	Puntarenas...	Cristobal....	Logs, and general	220	256	185
Santa Ana.....	14	19.30	15	7.52	15	13.55	15	15.48	American...	W. R. Grace & Co.....	360.2	51.6	20.6	Valparaiso....	New York....	(17)	1,725	5,842	4,150
Dillwyn.....	15	1.55	15	8.10	15	16.15	15	23.30	American...	Standard Oil Co. (S. B.).....	435.0	56.0	26.0	San Francisco.	Philadelphia.	Lubricating oil..	9,410	7,602	5,341
Gov. John Lind	14	12.00	15	8.24	15	16.12	15	22.45	American...	Lind Navigation Co. (S. B.)....	305.0	46.0	22.6	Iquique.....	Jacksonville..	Nitrates.....	4,347	3,643	2,184
La Habra.....	15	3.30	15	8.33	15	16.35	15	18.22	Norwegian..	W. Wilhelmsen.....	424.8	57.0	18.6	Tocopilla....	Tampico.....	Ballast.....	7,053	5,093	
Duquesne....	14	19.30	15	9.30	15	19.10	16	7.30	American...	Barber & Co. (S. B.).....	394.8	55.0	27.0	Yokohama....	New Orleans..	(18)	8,500	7,285	5,346
Corapeak.....	15	12.00	15	13.51	15	22.22	16	1.42	American...	Atlantic Chartering Co. (S. B.)..	251.0	43.6	20.0	Iquique.....	Norfolk.....	Nitrate of potash	2,808	2,249	1,464
Laura C. Hall (8)	15	15.00	16	7.41	16	15.45	20	6.58	British.....	Pacific Metals Corporation.....	81.0	25.6	9.1	Buenaventura.	Cristobal....	(19)	42	130	69
Garfield.....	16	1.30	16	7.50	16	15.05	16	18.35	American...	W. R. Grace & Co.....	300.0	45.2	20.9	Salaverry....	New York....	General.....	3,390	3,235	2,015
Trelissick....	16	3.00	16	7.59	16	15.55	16	23.20	British.....	Edw. Hain & Son.....	400.9	52.3	24.4	Portland.....	Cape Town...	Wheat and flour.	6,323	5,789	4,082
Fortol (9)....	15	22.00	16	8.18	16	16.10	18	3.52	British.....	British Admiralty.....	320.0	41.6	19.0	Acapulco.....	Trinidad....	Ballast.....	2,780	1,108	
St. Mabyn (10)	16	4.00	16	9.51	16	21.15			British.....	British Admiralty.....	135.0	29.0	14.4	Mejillones....	Cristobal (s)	Ballast.....	452	115	
Ramses.....	16	4.00	16	10.20	17	10.10			German.....	Kosmos Co.....	470.5	60.8	22.6	Caleta Colosa.	Europe.....	Nitrates.....	7,900		
Cuba.....	16	12.00	16	12.41	16	20.10	17	16.10	American...	Pacific Mail Steamship Co.....	307.7	42.2	20.0	San Francisco.	New York....	Can'd pineap'les.	2,405	3,429	2,206
Mina Brea....	12	18.00	16	14.50	17	11.05	17	21.20	British.....	International Petroleum Co.....	360.3	49.2	16.0	Antofagasta...	Tampico.....	Ballast.....	4,337	2,688	
Gottingen (11)					17	12.40													
Hathor (12)...					17	15.20													
Stanley.....	16	15.05	17	6.37	17	14.16	17	16.15	American...	Frank Waterhouse & Co. (S. B.)	401.7	54.8	27.0	Honolulu.....	New York....	(20)	8,436	6,933	5,187
Westmoreland.	16	20.12	17	7.57	17	15.25	17	17.17	American...	Green Star Steamship Corp. (S. B.)	395.5	55.0	23.6	Kobe.....	New York....	Sugar, and general	6,103	7,285	5,256
Sherman.....	17	2.00	17	8.17	17	17.10	17	18.30	American...	Sherman Steamship Co.....	400.3	45.3	25.9	Valparaiso....	New York....	(21)	6,307	5,037	3,492
Somerset.....	16	21.00	17	9.55	17	18.15	17	21.20	British.....	Federal Steam Navigation Co....	460.6	62.8	23.6	Bluff, N. Z....	New York....	General.....	5,666	9,943	7,530
West Coyote...	17	11.45	17	12.52	17	20.12	18	18.50	American...	Williams, Dimond Co. (S. B.)...	410.5	54.2	24.0	San Francisco.	United King..	(22)	6,207	6,567	4,899
Altai Maru....	17	10.10	17	14.50	17	21.52	17	23.00	Japanese...	Osaka Shosen Kaisha.....	425.0	56.2	23.6	Yokohama....	New York....	(23)	6,758	7,903	5,635
San Juan.....	17	13.45	18	6.34	18	13.50			American...	Pacific Mail Steamship Co.....	283.0	37.0	13.11	San Francisco.	Cristobal....	General.....	498	2,379	1,593
Acajutla.....	18	4.30	18	7.56	18	14.10			British.....	Pacific Steam Navigation Co....	215.7	33.5	12.10	Champerico...	Cristobal....	Coffee, wood, etc	77	1,273	706

(7) Battle cruiser. (8) Motor schooner. (9) Supply ship. (10) Tug. (11) Reported in issue of July 17. (12) Reported in issue of September 4. (13) Nitrate, cotton, etc. (14) Nitrate, cotton, and metals. (15) Sugar, hemp, tobacco, and general. (16) Nitrate, wool, and hides. (17) Nitrates, copper, quillay, and vanadium. (18) Sugar, hemp, and lumber. (19) Ivory nuts, coffee, and hides. (20) Sugar, hemp, and rubber. (21) Copper bars and nitrate. (22) Lumber, wheat, flour, cotton, oil, canned goods, soda, and household goods. (23) Oil, rubber, sugar, and general.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight September 25, 1920.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship	Arrived at port		Entered Canal		Completed transit		Cleared for sea		Nationality	Line	Length	Beam	Salt water draft	From—	For—	Cargo		Panama Canal tonnage	
	Day	Hour	Day	Hour	Day	Hour	Day	Hour								Nature	Tons	Gross	Net
Rosana.....	15	15.32	19	6.07	19	14.40	20	7.10	Costa Rican	Alberto Falt & Co.....	107.7	25.0	7.0	Cristobal.....	Puntarenas....	Ballast.....	256	185	
Architect.....	17	16.21	19	6.22	19	14.46	19	15.45	British.....	Harrison Steamship Line.....	408.0	52.0	20.0	Liverpool.....	San Francisco.	General.....	6,245	4,306	
Port Stephens...	18	9.00	19	6.28	19	16.49	19	17.47	British.....	Commonwealth and Dom. Line..	475.0	55.0	27.1	Hull.....	Auckland.....	General.....	7,000	7,757	5,756
San Joaquin....	18	15.03	19	6.30	19	15.56	19	17.05	Norwegian..	W. Wilhelmsen.....	425.4	57.0	27.0	Tampico.....	Tocopilla.....	Fuel oil.....	9,400	7,059	5,076
Urubamba.....	12	22.14	20	6.00	20	13.33	21	2.20	Peruvian....	Peruvian Line.....	381.0	46.0	19.7	Cristobal.....	Callao.....	General.....	1,650	4,803	2,951
Santa Tecla....	19	10.00	20	6.31	20	13.57	20	14.50	American....	W. R. Grace & Co.....	298.6	40.0	20.8	New York....	Callao.....	General.....	2,000	2,835	1,827
Laura C. Hall...	16	15.45	20	6.58	20	15.01	21	9.22	British.....	Pacific Metals Corporation.....	81.0	25.0	9.0	Cristobal.....	Buenaventura	General.....	45	130	69
Shortsville.....	19	22.08	20	7.03	20	14.37	20	15.40	American....	Luckenbach S. S. Line (S. B.)...	324.0	46.0	22.0	New York....	San Francisco.	General.....	3,898	3,959	2,628
Clan MacKellar	20	5.40	20	7.20	20	15.06	20	19.08	British.....	Clan Steamship Line.....	409.5	52.0	28.3	New York....	New Chwang.	Crude oil.....	7,500	6,450	4,698
Peru ¹	20	6.13	20	7.54	20	15.48	21	19.08	Danish.....	East Asiatic Steamship Co.....	413.0	53.6	16.0	Copenhagen..	San Francisco.	General.....	600	7,404	5,658
Cherry Branch..	19	22.23	20	9.35	20	16.44	20	18.48	British.....	Nautilus Steam Shipping Co....	398.0	51.0	17.7	Liverpool....	Coronel.....	General.....	3,267	5,391	3,974
West Kasson...	20	10.17	20	10.38	20	17.39	20	18.30	American....	Pacific Mail S. S. Co. (S. B.)...	410.5	54.3	20.6	Boston.....	San Francisco.	General.....	5,000	6,547	4,864
West Keene....	20	11.00	20	11.30	20	18.40	20	23.36	American....	Matson Navigation Co. (S. B.)...	410.0	54.0	24.6	Norfolk.....	Pearl Harbor..	Coal.....	7,081	6,547	4,876
Hwah Jah.....	20	20.10	21	6.20	20	14.00	21	17.40	Chinese.....	Chinese Government.....	438.0	52.6	20.0	New York....	Yokohama....	General.....	4,500	6,139	4,432
Achilles.....	20	18.10	21	6.23	21	13.49	.....	.....	American....	Panama Railroad Steamship Line	536.0	65.0	30.0	Norfolk.....	Balboa.....	Coal.....	12,025	11,519	7,008
Saint Andre....	19	6.15	21	10.10	21	18.18	21	21.00	French.....	Cie. Gle. Transatlantique.....	403.0	50.0	16.4	Bordeaux.....	Valparaiso....	General.....	900	5,917	4,146
Amur Maru....	21	11.36	22	6.22	22	16.18	22	17.25	Japanese....	Osaka Shosen Kaisha.....	425.0	56.0	27.5	New York....	Yokohama....	General.....	7,921	7,901	5,629
Margaret Coughlan....	21	18.50	22	6.25	22	15.10	22	18.45	British.....	Canadian Western S. S. Ltd.....	411.5	54.0	14.6	Grangemouth.	Vancouver....	Ballast.....	6,624	4,999	
Manu.....	21	7.06	22	6.32	22	14.17	22	15.20	Spanish.....	Suarez & Munez.....	365.0	45.0	14.6	Baridoc.....	Taltal.....	Ballast.....	4,152	2,855	
Richconcal....	21	22.05	22	6.53	22	17.19	22	21.30	American....	Struthers & Dixon (S. B.).....	435.0	56.0	27.0	Tampico.....	Iquique.....	Fuel oil.....	9,081	7,642	5,327
Clauseus.....	22	5.15	22	9.50	22	18.00	22	19.00	American....	Green Star Line S. S. Corp.....	409.8	54.2	24.5	Sabine.....	Portland.....	Sulphur.....	7,600	6,581	4,741
Quillota.....	19	9.07	22	12.00	22	17.05	22	22.33	British.....	Pacific Steam Navigation Co....	360.0	46.0	19.3	London.....	Guayaquil....	General.....	402	4,768	2,987
Sciota ²	1	16.15	22	9.40	22	16.58	.....	.....	American....	United States Navy.....	.....	.....	.....	Coco Solo....	Balboa.....	Ballast.....	.....	.....	.....
Balboa.....	20	20.40	23	6.05	23	13.25	23	20.50	American....	Colombian Maritime Co.....	190.0	29.1	12.0	Cristobal.....	Buenaventura	General.....	134	741	350
West Cahokia..	22	19.57	23	6.26	23	14.31	23	15.30	American....	Sudden & Christensen (S. B.)...	410.5	54.0	25.0	Philadelphia..	San Francisco.	Coal and steel ⁶ ..	4,366	6,622	4,882
Adelina.....	23	8.19	23	9.12	23	16.13	23	17.15	Spanish.....	Naviera Guadalquivir.....	359.7	49.9	25.0	Newport News	Iquique.....	Coal.....	5,500	4,460	3,090
Tacoma Maru..	23	8.45	23	9.23	23	17.16	23	18.10	Japanese....	Osaka Shosen Kaisha.....	419.0	51.0	18.0	New Orleans..	Yokohama....	General.....	501	6,146	4,241
San Juan.....	18	13.50	24	6.06	24	13.45	25	22.44	American....	Pacific Mail Steamship Co.....	283.0	37.0	19.0	Cristobal.....	San Francisco.	General.....	1,802	2,379	1,593
Vulcan ³	19	23.55	24	6.19	24	14.50	24	15.45	American....	United States Navy.....	386.9	53.0	.....	New York....	Bremerton....	Naval supplies..	6,500	.....	.....
Isis.....	24	6.33	24	7.40	24	15.55	24	16.40	British.....	Philipps, Philipps & Co.....	477.5	62.5	18.0	Hartlepool....	Columbia river	Ballast.....	.....	9,629	7,013
Sanderling ⁴ ...	18	15.10	24	8.22	24	15.52	25	22.30	American....	United States Navy.....	187.0	36.0	13.3	Norfolk.....	San Diego....	Ballast.....	.....	.....	.....
Sherman ⁵	23	7.52	24	10.00	24	16.58	24	17.55	American....	United States Army.....	465.5	49.0	25.6	New York....	San Francisco.	Army supplies...	4	7,805	5,733
Friesland.....	22	19.35	24	10.47	24	20.51	24	20.30	British.....	Glen Line, Ltd.....	520.7	64.2	15.0	Newcastle-on-Tyne	Port Townsend	Ballast.....	.....	12,321	8,690
Pallas.....	24	22.05	25	6.48	25	13.30	25	18.07	American....	Swayne & Hoyt (S. B.).....	380.5	53.1	20.5	Buenos Aires..	San Francisco.	General.....	6,503	5,659	4,034
Kinderdijk....	25	6.17	25	7.35	25	15.07	25	16.14	Dutch.....	Holland-American Line.....	469.0	58.0	17.0	Rotterdam....	San Francisco.	General.....	50	.....	.....
Choyo Maru...	25	8.25	25	9.20	25	17.37	26	13.20	Japanese....	Toyo Kisen Kaisha.....	400.0	53.0	22.6	New York....	Shanghai....	(7)	4,818	6,186	4,457
Cape Romain..	25	8.22	25	10.58	25	18.31	26	15.55	American....	Atlantic Gulf & Pacific S. S. Co.	376.4	52.3	20.2	Baltimore....	San Francisco.	General.....	4,300	.....	.....

¹ Motor ship.² Tug.³ Collier.⁴ And barge No. 280.⁵ Transport.⁶ 3,140 tons coal.⁷ Steel, machinery, cigarettes, tobacco, and merchandise.

Inca.....	18	17.00	19	7.40	19	15.05	19	23.05	British....	Pacific Steam Navigation Co....	360.0	43.2	20.0	Guayaquil....	New York....	General.....	1,880	3,952	2,751
Halsey.....	17	17.20	19	8.20	19	15.50	19	15.50	American...	Struthers & Dixon (S. B.).....	435.0	56.0	.....	San Luis.....	New York....	Crude petroleum	(16)	7,642	5,324
Orduna.....	19	6.00	19	10.05	19	18.05	20	3.14	British....	Pacific Steam Navigation Co....	550.3	67.3	27.6	Valparaiso....	Liverpool....	General.....	4,568	17,163	11,905
Eastern Glade..	19	14.00	19	14.42	19	22.00	20	12.45	American...	Luckenbach S. S. Line (S. B.)...	399.9	54.7	21.0	San Francisco.	Philadelphia...	(12)	7,500	6,108	4,335
Point Judith...	8-19	10.30	20	6.30	20	14.39	21	6.07	American...	Pacific Mail Steamship Co.....	289.1	44.1	19.0	San Francisco.	Baltimore....	(13)	2,752	2,895	1,982
Balboa.....	20	11.45	20	13.25	20	20.40	23	6.05	American...	Colombian Maritime Co.....	190.0	29.1	15.0	Buenaventura	Cristobal.....	(14)	712	741	350
Lake Fithian...	20	17.15	21	6.26	21	14.15	21	14.15	American...	New Orleans & S. A. Co. (S. B.)..	253.6	43.8	24.0	Iquique.....	New Orleans..	Nitrate and sugar	4,034	2,915	1,907
Covena.....	22	6.00	22	8.11	22	16.45	23	1.30	American...	Coastwise Transp. Co. (S. B.)...	253.0	43.8	24.0	Antofagasta...	New Orleans..	Nitrate of soda...	3,410	2,765	1,799
Chepadoa.....	22	7.00	22	8.58	22	18.35	23	23.15	American...	U. S. and A. Line (S. B.).....	402.5	53.1	27.0	Melbourne....	New York....	Chrome ore, etc.	8,105	6,577	4,944
Manavi.....	22	8.00	22	9.55	22	18.20	27	6.15	British....	Pacific Steam Navigation Co....	216.0	35.1	15.2	Guayaquil....	Cristobal.....	(15)	768	1,357	884
Annam.....	21	18.30	22	14.17	22	21.30	22	22.18	Danish....	East Asiatic Steamship Co.....	410.0	55.2	27.9	Hongkong. ..	Copenhagen...	General.....	8,200	7,067	5,318
Eurydamas....	22	13.10	23	6.30	23	14.07	23	14.35	British....	Alfred Holt & Co.....	410.1	49.3	24.9	Vancouver....	Liverpool....	General.....	7,092	5,718	4,189
Lowther Castle.	23	9.45	23	10.47	23	18.50	23	20.00	British....	J. Chambers & Co.....	400.0	51.8	22.6	Iloilo.....	New York....	General.....	6,533	5,768	4,367
No. 1688 ⁸	22	.....	23	9.03	24	16.30	.....	.....	Panaman...	T. Agrio.....	20.0	5.2	.....	Panama.....	Colon.....	.....	.....	.....	.....
Gen. O. H.																			
Ernst.....	23	19.00	24	7.40	24	16.20	25	12.10	American...	Panama Railroad Steamship Line	356.4	45.3	24.0	Caleta Buena..	Wilmington...	Nitrate of soda...	4,213	4,503	2,764
R-22 ⁹	8-19	15.30	24	8.48	24	16.09	.....	.....	American...	United States Navy.....	.....	.....	.....	Balboa.....	Cristobal.....	.....	.....	.....	.....
Favorite ¹⁰	21	.....	24	11.08	.....	.....	.....	.....	American...	United States Government.....	.....	.....	.....	Balboa.....	Gatun Lake...	.....	.....	.....	.....
Huasco.....	24	12.20	24	13.02	24	19.53	.....	.....	Chilean....	South American Steamship Co...	379.7	44.3	19.9	Valparaiso....	Cristobal.....	General.....	500	4,552	3,182
Talabot.....	24	14.50	25	6.51	25	15.30	25	15.30	Norwegian..	W. S. Bjornneso & Son.....	410.7	56.3	30.1	Antofagasta...	New York....	Nitrates.....	11,200	8,245	6,285
Port Denison...	24	23.00	25	8.06	25	16.05	25	19.50	British....	Commonwealth and Dom. Line..	480.4	60.3	26.9	Wellington....	London.....	Frozen, general.	8,000	10,912	8,336
Lancaster.....	25	12.15	25	8.18	25	16.35	25	21.32	American...	Green Star Line.....	434.3	57.7	19.6	Taku Bar.....	New York....	General.....	10,000	7,943	5,838
Borgland ¹¹	24	3.00	25	12.14	25	19.55	25	19.55	Norwegian..	Peter Olsen.....	362.0	51.5	24.6	Tacoma.....	Christiania...	Flour.....	3,000	5,274	3,886
Luceric.....	25	12.15	25	14.30	25	23.24	26	11.45	British....	Andrew Weir & Co.....	412.5	55.5	28.7	Caleta Colosa.	Alexandria...	Saltpeter.....	9,530	6,895	4,863

⁸ Sailer. ⁹ Submarine. ¹⁰ Salvage tug. ¹¹ Motor schooner. ¹² Lumber and general merchandise. ¹³ General, and canned goods. ¹⁴ Coffee, hides, nuts, rubber, hats, and cocoa.
¹⁵ Ecuadorian products. ¹⁶ 1,636,494 barrels.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
Sept. 19.....	Pioneer.....	Standard Oil Co.....	Tampico.	Sept. 19.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
Sept. 19.....	Tolosa.....	United Fruit Co.....	Port Limon.	Sept. 19.....	Tolosa.....	United Fruit Co.....	New York via Habana.
Sept. 19.....	Gen. G. W. Goethals.	Panama Railroad Steamship Line..	New York via Haiti.	Sept. 21.....	Pioneer.....	Standard Oil Co.....	Tampico.
Sept. 20.....	Calamares.....	United Fruit Co.....	New York via Habana.	Sept. 21.....	Agamemnon.....	Royal Netherlands West India Mail	Savannah, Ga.
Sept. 20.....	Parismina.....	United Fruit Co.....	New Orleans.	Sept. 21.....	Calamares.....	United Fruit Co.....	Port Limon.
Sept. 21.....	Lake Copley.....	United States Shipping Board.....	New York.	Sept. 22.....	Abangarez.....	United Fruit Co.....	New Orleans.
Sept. 21.....	Gen. W. C. Gorgas..	Panama Railroad Steamship Line..	Colombian ports.	Sept. 23.....	Parismina.....	United Fruit Co.....	New Orleans via wayports.
Sept. 22.....	St. Ewe ²	British Government.....	Southampton.	Sept. 24.....	San Pablo.....	United Fruit Co.....	Boston via Limon.
Sept. 22.....	Abangarez.....	United Fruit Co.....	New Orleans via wayports	Sept. 25.....	Gen W. C. Gorgas...	Panama Railroad Steamship Line..	New York via Haiti.
Sept. 23.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.				
Sept. 23.....	St. Claude ²	British Government.....	New Castle.				
Sept. 24.....	San Pablo.....	United Fruit Co.....	Boston.				
Sept. 24.....	Panama.....	Panama Railroad Steamship Line..	New York via Haiti.				
Sept. 25.....	F. D. Asche.....	Standard Oil Co.....	Tampico.				
Sept. 21.....	Rail ¹⁷	United States Navy.....	Guantanamo.				
Sept. 22.....	St. Ewe ²	British Government.....	Southampton.				

PORT OF BALBOA.

Sept. 21.....	Florence Olson	Oliver J. Olson Steamship Co.....	Mollendo.	Sept. 24.....	Florence Olson.....	Oliver J. Olson Steamship Co.....	San Francisco.
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¹⁷ Mine sweeper.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight October 2, 1920.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship	Arrived at port		Entered Canal		Completed transit		Cleared for sea		Nationality	Line	Length	Beam	Salt water draft	From—	For—	Cargo		Panama Canal tonnage	
	Day	Hour	Day	Hour	Day	Hour	Day	Hour								Nature	Tons	Gross	Net
Acajutla.....	18	14.10	26	6.15	26	12.28	26	16.30	British.....	Pacific Steam Navigation Co....	215.7	33.5	14.6	Cristobal.....	Champerico...	General.....	753	1,273	706
Cordelia.....	25	19.37	26	6.22	26	14.44	26	15.55	British.....	Union Oil Co.....	420.0	54.0	28.0	Tampico.....	Talta.....	Crude oil.....	9,000	6,690	4,971
Naugus.....	25	15.12	26	6.30	26	16.32	27	10.32	American...	Barber Line (S. B.).....	402.6	53.0	27.0	New York....	Yokohama....	General.....	8,065	6,583	4,873
Renacio.....	25	18.10	26	7.20	26	15.30	26	16.30	Chilean....	South American Steamship Line.	412.0	50.5	26.5	New York....	Valparaiso....	General.....	3,734	6,050	3,442
Manavi.....	22	18.20	27	6.15	27	14.22	27	15.30	British.....	Pacific Steam Navigation Co....	216.0	35.0	13.6	Cristobal....	Guayaquil....	General.....	637	1,357	884
Tenpaisan Maru	26	14.07	27	6.17	27	14.26	27	15.30	Japanese...	Mitsui & Co.....	380.0	54.0	23.5	Tampa.....	Kobe.....	Phosphates....	6,613	5,560	3,609
Allianca.....	23	6.47	27	6.33	27	13.19	27	14.00	American...	Panama Railroad Steamship Line	335.0	42.0	16.6	New York....	Guayaquil....	General.....	544½	4,120	2,670
Gen. Faidherbe	24	19.50	27	7.17	27	18.26	29	16.15	French.....	Soc. Gen. de Armement.....	276.6	40.3	13.0	Nantes.....	San Francisco.	Ballast.....	.....	2,267	1,968
R-21 and R-27 ²	.....	.....	27	7.40	27	15.00	.....	.....	American...	United States Navy.....	.....	.....	.....	Coco Solo....	Balboa.....	.....	.....	.....	.....
Sailor No. 1688.	24	.....	27	16.00	27	17.35	29	20.00	Panaman...	T. Agrio.....	.....	.....	.....	Cristobal....	Gatun Lake...	Ballast.....	.....	1	1
Alsace.....	27	19.30	28	6.10	28	13.39	28	14.30	French.....	A. D. Bordes.....	400.0	52.1	14.0	New York....	Iquique.....	Ballast.....	.....	5,879	4,156
Santa Paula...	27	19.57	28	6.10	28	14.32	28	15.30	American...	W. R. Grace & Co.....	420.0	53.0	27.4	Norfolk.....	Talcahuano...	(s).....	5,919	6,744	4,825
Steel Exporter..	28	5.30	28	7.10	28	14.55	28	22.10	American...	Isthmian Steamship Line.....	424.0	56.0	21.0	New York....	Seattle.....	General.....	4,797	7,539	5,448
Huasco.....	24	19.53	28	8.05	28	15.30	28	19.52	Chilean....	South American Steamship Line.	379.7	44.3	22.0	Cristobal....	Valparaiso....	General.....	706	4,552	3,182
Eastern Glen...	28	12.25	28	9.45	28	17.21	28	18.13	American...	Thorndyke & Fennell (S. B.)....	399.0	54.0	24.0	New York....	San Pedro....	General.....	4,300	6,132	4,330
La Cabiria ³ ...	7	15.05	27	12.00	28	15.31	28	16.30	Panaman...	Bernardo Bergaro.....	.....	.....	.....	Cristobal....	Balboa.....	Ballast.....	.....	18	18
Santa Teresa...	28	14.32	29	6.19	29	13.14	29	14.15	American...	W. R. Grace & Co.....	360.2	51.6	22.6	New York....	Valparaiso....	General.....	2,412	5,726	4,086
Tainui.....	29	9.15	29	10.47	29	18.15	30	19.37	British.....	Shaw Saville & Albion Co.....	477.0	61.0	26.0	London.....	Auckland.....	General.....	6,000	10,631	7,606
West Camak...	29	18.00	30	6.20	30	13.29	30	14.45	American...	E. C. Evans & Sons (S. B.)....	410.5	54.0	20.0	London.....	San Pedro....	General.....	1,000	6,622	4,880
Benjamin Brewster.....	29	22.15	30	6.58	30	15.15	30	21.36	American...	Standard Oil Co.....	411.6	53.4	24.4	Tampico.....	Pisagua.....	Petroleum.....	7,100	6,360	4,337
Helder.....	29	14.45	30	11.32	30	18.15	1	7.31	Dutch.....	Royal Netherland Steamship Co.	361.0	49.0	16.3	Amsterdam...	Corral.....	General.....	3,050	5,117	3,807
Cauca.....	5	17.08	1	6.21	1	12.56	1	14.57	British.....	Pacific Steam Navigation Co....	246.0	35.6	15.6	Cristobal....	Guayaquil....	General.....	552	1,582	1,023
Fultala.....	30	9.36	1	6.22	1	13.57	1	14.57	British.....	British India Steam Nav. Co....	366.0	48.0	21.6	Calcutta....	Adelaide.....	General.....	3,650	4,637	2,981
Tascalusa.....	30	23.00	1	6.50	1	14.30	1	15.30	British.....	Standard Transportation Co....	419.0	54.0	27.6	Beaumont...	Hongkong....	Refined oil....	8,317	6,647	4,573
Lehigh.....	1	7.10	1	7.40	1	16.35	1	17.35	American...	North Atlantic Steamship Co..	390.0	54.2	21.0	Philadelphia.	Seattle.....	General.....	3,800	6,106	4,346
City of New-castle.....	1	9.47	1	12.50	1	19.47	1	20.55	British.....	Hall Line, Ltd.....	436.0	56.4	25.8	New York....	Brisbane.....	General.....	6,216	8,310	6,279
Lapwing ⁴	24	17.35	2	6.32	2	14.17	2	16.00	American...	United States Navy.....	187.0	37.0	12.0	Norfolk.....	San Diego....	Ballast.....	.....	.....	.....
Albion Star....	2	6.20	2	7.55	2	15.48	2	23.27	British.....	Albion Star Steamship Co.....	450.0	58.5	.....	Barry.....	Auckland.....	Coal.....	5,996	8,317	5,531
Port Augusta...	2	6.10	2	10.58	2	18.27	2	.....	British.....	Anglo-Aust. Navigation Co.....	380.6	49.1	22.1	New York....	Sydney.....	General.....	6,800	5,273	3,909

¹ Bark. ² Submarines. ³ Launch. ⁴ And barges Nos. 23 and 309. ⁵ Oil, naphtha, cement, machinery, and general.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Adria.....	7-22	22.00	26	6.35	26	14.55	.....	.....	American...	Universal Shipping & Trading Co	272.8	49.3	22.9	Seattle.....	Cape Town...	Lumber.....	1,596	3,249	2,133
Mineola.....	26	12.10	26	8.27	26	16.00	26	18.00	American...	W. R. Grace & Co.....	298.6	40.0	21.6	Samanco.....	New York....	Sugar.....	3,134	2,835	1,822
Jaunty.....	25	18.00	26	8.37	26	15.40	.....	.....	British.....	British Admiralty.....	155.1	31.1	13.0	Iquiqua.....	Cristobal ⁶ ...	Ballast.....	.....	683.35	209

⁶ For orders.

Orita.....	26	3.00	26	9.08	26	17.20	27	10.10	British.....	Pacific Steam Navigation Co....	485.4	58.2	28.6	Punta Arenas.	Liverpool.....	General.....	6,759	9,921	6,692
Aviles.....	26	7.30	26	9.40	26	18.20	27	12.43	Spanish.....	General Navigation Co.....	370.0	41.2	23.6	Mejillones....	Cristobal 6....	Nitrates.....	4,000	3,687	2,467
Guatemala....	26	2.30	26	10.49	26	18.45	3	11.15	British.....	Pacific Steam Navigation Co....	359.3	43.3	17.9	Valparaiso....	Cristobal.....	Merchandise....	2,032	4,210	2,744
Nevada.....	26	12.30	26	13.46	26	21.50	30	16.05	Danish.....	United Steamship Co.....	361.0	50.2	26.3	Tocopilla.....	U. S. port.....	Nitrates.....	6,496	4,990	3,558
Ruahine.....	26	14.45	27	6.46	27	14.50	27	15.20	British.....	New Zealand Shipping Co.....	480.6	60.3	29.0	Wellington....	London.....	Cold storage, etc	5,510	11,197	8,322
Mosella.....	26	13.15	27	7.10	27	15.35	27	15.35	American...	McCormick & McPherson (S. B.)	402.6	53.0	25.3	San Francisco.	Leith.....	Barley.....	7,149	6,580	4,894
Pilar de Lar- rinaga.....	26	16.30	27	7.41	27	16.00	27	17.45	British.....	Larrinaga & Co.....	445.0	58.0	28.0	Portland.....	Hull.....	Wheat.....	9,500	.....	.....
Kia Ora.....	26	22.00	27	7.52	27	16.55	28	18.25	British.....	Shaw, Saville & Albion Co.....	448.3	56.5	25.6	New Castle...	London.....	Frozen, general..	10,000	8,237	5,771
Devon.....	27	3.00	27	8.46	27	17.50	27	20.40	British.....	Federal Steam Navigation Co...	473.3	59.9	26.0	Adelaide.....	Boston.....	Frozen, general..	5,504	9,944	7,000
Craincreek....	27	4.30	27	9.37	27	18.45	28	11.25	American...	Warren Transportation Co. (S. B.)	253.5	43.8	20.0	Iquique.....	Matanzas.....	Nitrates.....	2,799	2,385	1,500
Haarlem.....	27	2.00	28	6.49	28	15.05	28	19.30	Dutch.....	Royal Netherland Steamship Co.	361.2	49.0	21.0	Antofagasta...	Delfzyl.....	Nitrate, general.	5,400	4,759	3,660
Port Hacking..	27	23.00	28	8.16	28	16.15	28	19.55	British.....	Commonwealth and Dom. Line..	440.0	55.1	24.6	Hobart.....	London.....	Frozen, general..	6,200	7,885	5,847
Lake Gormania	28	5.30	28	8.28	28	17.15	28	20.30	American...	Hasler Brothers (S. B.).....	250.5	43.8	21.0	Guayacan.....	Brunswick....	Nitrates.....	3,150	2,539	1,657
Lake Gravity...	28	7.30	28	9.54	28	18.25	29	3.32	American...	Warren Transp. Co. (S. B.).....	251.0	43.6	23.6	Antofagasta...	Wilmington...	Nitrates.....	3,562	2,773	1,770
Eastern Victor.	28	7.00	28	10.24	28	19.30	.....	.....	American...	Thorndyke Treholme (S. B.)....	400.0	54.5	24.6	Vancouver....	Sevastopol.....	R. R. equipment.	6,350	6,158	4,413
Coalinga.....	28	9.40	28	15.07	28	21.55	28	23.30	American...	Union Oil Co.....	471.0	55.0	21.0	Antofagasta...	Tampico.....	Ballast.....	.....	8,108	5,877
Ansaldo IV....	28	12.20	29	6.40	29	14.15	30	5.27	Italian.....	National Navigation Society....	377.0	51.0	22.0	Valparaiso....	Genoa.....	General.....	6,300	5,473	3,600
Newport.....	28	2.49	29	6.49	29	14.31	.....	.....	American...	Pacific Mail Steamship Co.....	326.0	38.2	17.0	San Francisco.	Cristobal.....	General.....	741	3,173	2,163
Santa Elisa....	29	8.55	29	11.34	29	18.00	29	19.20	American...	W. R. Grace & Co.....	360.5	51.5	24.6	Valparaiso....	New York....	General.....	3,114	5,957	4,325
Singapore.....	29	17.59	30	6.45	30	15.20	30	18.40	British.....	Westminister Shipping Co.....	364.0	50.0	23.0	Iquique.....	St. Nazaire...	Nitrates.....	6,369	4,582	3,447
Apus.....	29	20.00	30	7.52	30	15.25	1	3.30	American...	Green Star Line.....	401.4	53.2	26.6	Vancouver....	London.....	Railroad ties....	6,948	7,082	5,199
Ucayali.....	.....	.....	1	8.00	1	14.52	.....	.....	Peruvian...	Peruvian Line.....	374.7	46.3	.....	Callao.....	Cristobal.....	General.....	.....	4,466	2,405
Muroran Maru.	1	7.00	1	8.10	1	17.05	10	23.45	Japanese...	Nippon Yusen Kaisha.....	400.0	54.5	22.0	Taku.....	New York....	General.....	7,171	7,082	5,199
Achilles 7	1	4.00	1	9.17	1	16.44	.....	.....	German.....	Reichs Fiscus.....	150.0	27.0	16.0	Arica.....	Cristobal 6....	Ballast.....	.....	475	149
Jamaica.....	1	12.00	1	13.39	1	21.20	.....	.....	British.....	Pacific Steam Navigation Co....	220.0	34.0	12.0	Tumaco.....	Cristobal.....	General.....	601	1,187	622
Parthia.....	26	20.00	2	6.42	2	15.25	.....	.....	Norwegian..	Lare Christensen.....	172.0	31.0	15.0	Portland.....	Habana.....	Lumber.....	750	682	496

7 Tug.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
Sept. 26.....	Columbia.....	N. O. and S. A. Line.....	New Orleans and wayports.	Sept. 26.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
Sept. 26.....	U. S. S. Redwing....	United States Navy.....	New York.	Sept. 26.....	Calamares.....	United Fruit Co.....	New York via Habana.
Sept. 26.....	Calamares.....	United Fruit Co.....	Port Limon, C. R.	Sept. 26.....	Rail.....	United States Navy.....	Vera Cruz.
Sept. 26.....	Cantigny ⁸	United States Army.....	New York.	Sept. 26.....	Columbia.....	N. O. and S. A. Line.....	New Orleans and waypts.
Sept. 27.....	Pastores.....	United Fruit Co.....	New York via Habana.	Sept. 26.....	Lake Copley.....	United States Shipping Board....	New York.
Sept. 28.....	Haiti.....	French Line.....	Havre and wayports.	Sept. 27.....	Gen. G. W. Goethals.	Panama Railroad Steamship Line..	Puerto Colombia.
Sept. 28.....	Cartago.....	United Fruit Co.....	New Orleans.	Sept. 27.....	F. D. Asche.....	Standard Oil Co.....	Tampico.
Sept. 28.....	Santa Leonora ⁸	United States Army.....	New Orleans and wayports.	Sept. 28.....	Pastores.....	United Fruit Co.....	Port Limon.
Sept. 29.....	Atenas.....	United Fruit Co.....	New Orleans and wayports.	Sept. 29.....	Atenas.....	United Fruit Co.....	New Orleans.
Sept. 29.....	Santa Marta.....	United Fruit Co.....	New York via Kingston.	Sept. 29.....	Cantigny ⁸	United States Army.....	New York.
Sept. 29.....	U. S. S. Falcon.....	United States Navy.....	Norfolk.	Sept. 29.....	U. S. S. Redwing....	United States Navy.....	Guantanamo.
Sept. 30.....	Colon.....	Panama Railroad Steamship Line..	New York via Haiti.	Sept. 30.....	Santa Marta.....	United Fruit Co.....	New York via wayports.
Sept. 30.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.	Sept. 30.....	Cartago.....	United Fruit Co.....	New Orleans and waypts.
Oct. 2.....	Oranian.....	Leyland Line.....	Liverpool via wayports.	Oct. 1.....	Panama.....	Panama Railroad Steamship Line..	New York via Haiti.
				Oct. 2.....	Haiti.....	French Line.....	Puerto Colombia.

⁸ Transport.

PORT OF BALBOA.

Sept. 30.....	Wallingford.....	General Steamship Corp. (S. B.)...	Antofagasta.	Sept. 26.....	Annette Rolph.....	Rolph Mail Steamship Co.....	San Francisco.
Sept. 30.....	Balcatta ⁹	Pacific Mail Steamship Co.....	Valparaiso.	Oct. 2.....	Wallingford.....	General Steamship Corp. (S. B.)...	San Francisco.

⁹ Motor ship.

* Other than ships passing through the Canal.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, October 9, 1920.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship	Arrived at port		Entered Canal		Completed transit		Cleared for sea		Nationality	Line	Length	Beam	Salt water draft	From—	For—	Cargo		Panama Canal tonnage	
	Day	Hour	Day	Hour	Day	Hour	Day	Hour								Nature	Tons	Gross	Net
Pionier.....	2	16.30	3	6.20	3	14.09	4	18.50	Belgian.....	Lloyd Royal Belge.....	400.0	52.2	24.1	Newport News	Valparaiso....	Coal and general.	5,700	5,746	4,049
Consuelo.....	9-28	6.20	3	6.30	3	14.48	3	15.50	Spanish.....	Ricardo Ortiz.....	342.0	46.0	12.0	Teneriffe.....	Caleta Buena.	Ballast.....	.....	3,879	2,868
Mina Brea.....	2	13.18	3	6.30	3	15.28	3	16.25	Canadian...	International Petroleum Co.....	360.0	48.0	25.6	Tampico.....	Pisagua.....	Fuel oil.....	5,000	4,437	2,688
Winston Salem.	2	21.34	3	6.32	3	16.31	3	17.40	American...	Barber Steamship Co. (S. B.)...	395.0	55.1	26.9	Newport News	Cavite, P. I..	Coal.....	8,082	7,316	5,241
Crisfield.....	2	16.30	3	6.40	3	16.05	3	16.57	American...	American Metal Transp. (S. B.)...	402.0	54.6	27.0	Norfolk.....	Iquique.....	Coal.....	8,538	6,932	5,100
Victoria.....	2	6.55	3	9.45	3	16.50	3	18.15	British.....	Pacific Steam Navigation Co....	401.4	52.3	22.8	Liverpool....	Valparaiso....	General.....	2,800	6,887	4,575
Guatemala.....	9-26	18.45	3	11.15	3	18.24	3	19.50	British.....	Pacific Steam Navigation Co....	359.3	43.1	18.6	Cristobal....	Valparaiso....	General.....	1,686	4,210	2,744
Jamaica.....	1	21.20	5	6.07	5	14.30	5	15.52	British.....	Pacific Steam Navigation Co....	220.0	34.0	13.6	Cristobal....	Tumaco.....	General.....	948	1,137	622
Newport.....	9-29	14.31	5	6.15	5	13.17	5	16.25	American...	Pacific Mail Steamship Co.....	326.0	38.2	17.3	Cristobal....	San Francisco.	General.....	2,076	3,173	2,163
Gaelic Prince..	4	20.17	5	6.37	5	14.25	5	15.15	British.....	Prince Line Limited.....	449.5	57.0	26.0	New York....	Hongkong....	General.....	9,000	6,459	6,658
Chincha.....	5	8.03	5	8.15	5	15.17	5	16.17	American...	Green Star Line.....	403.0	52.3	22.0	Sabine.....	San Pedro....	Sulphur.....	4,000	6,359	4,947
Point Bonita..	5	15.20	6	6.24	6	12.55	6	17.35	American...	Pacific Mail Steamship Co.....	289.0	44.0	19.1	Baltimore....	San Francisco.	General.....	2,737	2,895	1,993
Hayden.....	6	6.17	6	7.42	6	15.35	.....	.....	American...	E. C. Evans & Sons (S. B.).....	402.5	53.0	12.6	Lisbon.....	San Pedro....	Ballast.....	.....	6,064	4,762
Republic.....	6	2.20	6	9.22	6	18.04	6	19.25	American...	Chile Steamship Co.....	345.1	49.1	22.6	Baltimore....	Valparaiso....	General.....	5,316	4,623	3,372
Apple Branch..	6	9.05	6	12.05	6	18.48	6	20.07	British.....	Gulf Line, Limited.....	370.0	51.7	23.3	London.....	Coronel.....	General.....	5,175	5,112	3,511
Rosana.....	5	18.13	7	6.00	7	14.10	8	0.08	Costa Rican.	Alberto Falt.....	112.0	25.0	7.0	Cristobal....	Buenaventura.	Ballast.....	.....	256	185
Eurana.....	9-30	4.00	7	6.10	7	14.26	7	16.44	American...	Green Star Line.....	399.7	56.2	26.6	Baltimore....	Yokohama....	Steel.....	8,000	7,338	5,555
Ucayali.....	1	14.52	7	6.15	7	13.07	7	15.25	Peruvian...	Peruvian Line.....	374.0	46.0	19.9	Cristobal....	Callao.....	General.....	1,643	4,466	2,405
Woodarra.....	6	20.12	7	6.16	7	14.25	7	15.25	British.....	British India Steam Nav. Co....	449.0	58.0	27.1	London.....	Dunedin.....	General.....	7,577	8,238	5,313
La Habra.....	6	23.10	7	6.48	7	15.26	7	17.40	Norwegian..	W. Wilhelmsen.....	424.8	57.0	26.0	Tampico.....	Iquique.....	Fuel oil.....	9,200	7,053	5,085
Nokatay.....	9-24	7.49	7	10.03	7	19.58	.....	.....	American...	U. S. & Australasia Line (S. B.)	402.6	53.0	23.0	New York....	Melbourne....	General, case oil.	7,000	6,580	4,927
Ebro.....	6	6.58	7	13.15	7	20.42	7	22.43	British.....	Pacific Steam Navigation Co....	450.0	58.0	24.0	New York....	Valparaiso....	General.....	4,077	9,089	6,215
Hoyeisan Maru	7	15.46	8	6.20	8	13.50	8	14.58	Japanese...	Mitsui & Co.....	407.3	51.0	26.11	Newport News	Antofagasta..	Coal.....	7,018	6,189	4,440
West Islip....	8	3.20	8	6.53	8	14.24	9	21.53	American...	Struthers & Dixon (S. B.).....	409.8	54.2	20.0	Boston.....	Tacoma.....	General.....	1,167	6,755	4,899
Laura C. Hall ¹	4	19.50	8	7.05	8	15.06	9	10.59	British.....	Pacific Metals Corporation.....	81.0	25.6	8.0	Cristobal....	Buenaventura.	General.....	24	130	69
Eastern Cloud..	8	6.45	8	7.20	8	15.19	9	12.45	American...	Barber Steamship Co. (S. B.)...	385.0	51.2	28.0	Philadelphia.	Shanghai....	General, steel...	7,718	6,242	4,471
West Jappa....	8	19.26	9	8.08	9	15.45	9	16.31	American...	Frank Waterhouse & Co. (S. B.)	410.5	54.2	19.6	New York....	Shanghai....	General.....	2,500	6,755	4,873
Aspinet.....	9	1.20	9	9.55	9	17.55	9	18.45	British.....	Standard Transportation Co....	389.5	52.1	25.0	Philadelphia.	Darien.....	Oil.....	6,800	5,287	3,837
S. C. No. 284	.....	.....	8	9.28	8	14.58	.....	.....	American...	United States Navy.....	.....	.....	.....	Coco Solo....	Balboa.....	.....	.....	.....	.....

¹ Power schooner.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Niceto de Larrinaga.....	2	15.30	3	6.32	3	14.33	3	14.33	British.....	Miguel de Larrinaga Co.....	439.8	56.0	25.6	Portland.....	Barry.....	Wheat.....	8,769	7,188	5,563
Trecarrell.....	3	5.00	3	8.02	3	15.50	3	17.40	British.....	Hain Steamship Co.....	400.5	52.3	23.6	Tocopilla....	Alexandria....	Nitrates.....	7,622	5,790	4,067
Tregantle.....	3	6.00	3	8.29	3	17.00	3	19.45	British.....	E. Hain & Co.....	400.2	52.1	23.6	Valparaiso....	Azores ⁴	Nitrates.....	6,621	6,035	4,610
Sciota ²	9-23	16.44	3	10.39	3	16.32	.....	.....	American...	United States Navy.....	155.0	30.0	.....	Balboa.....	Cristobal....	.....	.....	.....	.....
S. C. No. 284 ¹	9-15	16.10	3	13.50	3	18.40	.....	.....	American...	United States Navy.....	.....	.....	.....	Balboa.....	Cristobal....	.....	.....	.....	.....
Laura C. Hall ³	4	3.00	4	11.10	4	19.30	8	7.05	British.....	Pacific Metals Corporation.....	81.0	25.6	10.0	Buenaventura.	Cristobal....	Coffee.....	51	130	69
Pacific ³	3	20.00	4	12.07	4	19.35	5	6.40	Swedish....	Johnson Line.....	360.0	51.6	24.0	San Francisco.	Christiania...	Coal and general	5,550	5,360	4,089

² Tug.³ Motor schooner.⁴ For orders.

Salvador.....	4	12.10	4	13.58	4	20.38	11	6.15	British.....	Pacific Steam Navigation Co....	215.0	38.5	14.3	Champerico...	Cristobal.....	General.....	538	1,213	692
Look City ⁵	4	8.00	4	11.18	.....	.....	.....	.....	American....	W. C. Hyler.....	30.2	8.4	.....	Taboga Island.	Gatun Lake....	.....	7	7	7
Maricopa.....	9-25	1.00	5	6.42	5	14.08	5	14.08	Norwegian..	W. Wilhelmsen.....	425.5	57.0	16.0	Tocopilla.....	Tampico.....	Ballast.....	6,996	5,108	5,108
Westboro.....	9-23	20.40	5	6.55	5	15.10	6	5.15	American...	Sudden & Christenson (S. B.)...	409.5	54.2	23.1	Portland.....	Belfast.....	Sacked wheat...	7,013 ³ / ₄	6,617	4,816
Frederick Luck- enbach.....	4	17.50	5	6.58	5	15.50	5	16.25	American...	Luckenbach Steamship Co.....	317.5	40.2	22.0	San Francisco.	New York....	General.....	3,000	2,986	2,091
Otarama.....	5	7.30	5	9.26	5	16.55	5	17.52	British.....	New Zealand Shipping Co.....	454.0	56.0	23.0	New Plymouth	London.....	Frozen, general..	3,400	7,981	5,597
Rosana ³	5	2.00	5	10.52	5	18.13	7	6.00	Costa Rican.	Alberto Fait.....	107.7	25.0	8.0	Puntarenas...	Cristobal.....	Lumber, etc.....	(¹⁰)	256	185
Poplar Branch..	6	1.00	6	8.03	6	15.55	6	17.45	British.....	Nautilus Steam Shipping Co....	396.2	56.2	24.0	Puntarenas...	Liverpool....	Nitrates, general.	7,392	6,640	5,107
St. Athan ²	6	3.00	6	8.18	6	14.38	.....	.....	British.....	British Government.....	135.0	29.1	12.0	Arica.....	United King..	Ballast.....	443	108	108
Santa Olivia...	6	7.45	6	8.37	6	17.15	6	23.55	American...	Atlantic & Pacific Steamship Co.	404.6	53.7	28.6	Valparaiso....	New York....	(⁷)	8,750	6,736	4,883
Essequibo.....	6	11.00	6	12.34	6	18.50	8	12.25	British.....	Royal Mail Steam Packet Co....	449.4	57.8	23.0	Valparaiso....	New York....	General.....	1,376	9,037	6,089
Achilles ⁶	9-21	13.49	7	7.48	7	14.17	7	14.17	American...	Panama Railroad Steamship Line	536.0	65.0	.....	Balboa.....	Norfolk.....	Ballast.....	11,519	7,008	7,008
Lake Fansdale..	6	19.10	7	8.15	7	16.50	9	10.22	American...	Gallahan Atkinson Co. (S. B.)...	251.0	43.6	23.0	Taltal.....	New York....	Nitrates.....	3,560	2,856	1,806
Galdamas.....	7	3.30	7	8.36	7	17.30	10	13.14	Spanish.....	Cia. Auxiliar Maritime.....	331.9	46.1	20.7	Iquique.....	Cristobal ⁴	Nitrates.....	4,114	3,686	2,632
Lompoc.....	5	21.00	7	13.26	7	20.55	7	20.55	British.....	C. T. Bowring & Co.....	435.3	55.8	18.0	Valparaiso...	Tampico.....	Ballast.....	7,488	5,342	5,342
Balboa.....	7	16.30	8	6.38	8	14.20	.....	.....	American...	Colombian Maritime Co.....	190.0	29.1	14.6	Buenaventura.	Cristobal.....	(⁸)	613	741	350
Negada.....	6	2.30	8	9.26	8	20.12	.....	.....	German.....	Cosmos Line.....	410.9	50.7	21.0	Valparaiso...	Cristobal ⁴	Nitrates.....	5,000	.....	.....
Saint Louis.....	8	7.25	8	8.40	8	16.30	9	15.20	French.....	French Transatlantic Line.....	398.1	53.3	22.0	Talcahuano...	Bordeaux.....	(⁹)	6,201	5,857	4,166
Saint Teath ² ...	8	13.05	9	6.43	9	13.17	.....	.....	British.....	British Government.....	134.0	29.0	13.6	Arica.....	United King..	Ballast.....	450	105	105
Crown of Ga- licia.....	8	16.35	9	6.53	9	14.10	9	16.08	British.....	T. & J. Harrison Line.....	400.5	52.0	26.0	Vancouver....	London.....	General.....	6,000	5,714	4,125
Daybreak.....	9	6.15	9	8.20	9	16.00	9	19.20	British.....	Claymore Shipping Co, Ltd.....	331.3	46.9	22.6	Iquique.....	Norfolk.....	Nitrates.....	4,712	3,688	2,437
Orbita.....	9	8.00	9	9.26	9	17.30	9	21.40	British.....	Pacific Steam Navigation Co....	550.3	67.3	29.0	Coronel.....	Liverpool....	General.....	5,800	16,822	11,508
Berengar.....	8	13.05	9	11.50	10	12.20	.....	.....	German.....	Roland Line.....	399.2	53.7	23.0	Arica.....	United King..	Nitrates.....	6,000	.....	.....
Brookline.....	9	14.20	9	15.16	10	1.05	10	9.42	American...	E. C. Evans & Sons (S. B.).....	410.5	54.2	24.0	San Francisco.	Hull.....	Barley.....	7,503	.....	.....

⁵ Launch.⁶ Collier.⁷ Nitrate of soda and general.⁸ Coffee, hats, and hides.⁹ Nitrates, copper, borax, and hides.¹⁰ 152,400 kilos.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
Oct. 2.....	Lake Hector.....	United States Shipping Board.....	Cartagena.
Oct. 3.....	Geo. W. Barnes.....	Pan-American Pet. and Transp. Co	Tampico.
Oct. 3.....	Pastores.....	United Fruit Co.....	Port Limon.
Oct. 3.....	Astmahco III.....	Astoria Mahogany Co.....	Bluefields.
Oct. 4.....	Van Rensellaer.....	Royal Netherlands W. I. Mail Co..	Amsterdam.
Oct. 5.....	Heredia.....	United Fruit Co.....	New Orleans.
Oct. 5.....	Ulua.....	United Fruit Co.....	New York via Habana.
Oct. 6.....	Metapan.....	United Fruit Co.....	New Orleans via wayports
Oct. 7.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
Oct. 9.....	Cristobal.....	Panama Railroad Steamship Line..	New York.
Oct. 9.....	Gen. G. W. Goethals.	Panama Railroad Steamship Line..	Puerto Colombia.

*DEPARTURES.

Date.	Vessel.	Line.	For—
Oct. 3.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
Oct. 3.....	St. Claude ²	British Government.....	Kingston.
Oct. 3.....	St. Ewe ²	British Government.....	Kingston.
Oct. 3.....	Pastores.....	United Fruit Co.....	New York via Habana.
Oct. 4.....	Colon.....	Panama Railroad Steamship Line..	Puerto Colombia.
Oct. 4.....	Santa Leonora ¹²	United States Army.....	New York via San Juan.
Oct. 4.....	Lake Hector.....	United States Shipping Board.....	New Orleans.
Oct. 5.....	Geo. W. Barnes.....	Pan-American Pet. and Transp. Co.	Tampico.
Oct. 5.....	Oranian.....	Leyland Line.....	Mobile.
Oct. 5.....	Van Rensellaer.....	Royal Netherlands W. I. Mail Co..	Cartagena.
Oct. 6.....	Metapan.....	United Fruit Co.....	New Orleans.
Oct. 6.....	Ulua.....	United Fruit Co.....	Port Limon.
Oct. 7.....	Heredia.....	United Fruit Co.....	N. O. via Bocas & Habana.
Oct. 7.....	Bonham.....	United States Shipping Board.....	Cumana, Venezuela.
Oct. 8.....	U. S. S. Falcon.....	United States Navy.....	High seas.

¹² Transport.

PORT OF BALBOA.

None.....	.....	.....	Oct. 3.....	Balcatta.....	Pacific Motor Ship Co.....	Vancouver.
.....	.....	.....	Oct. 3.....	U. S. S. Cleveland.	United States Navy.....	Guayaquil.

*Other than ships passing through the Canal.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, October 16, 1920.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Havilah.....	9	18.50	10	6.10	10	13.46	.....	.....	American...	Admiral Line (S. B.)	402.5	53.0	18.8	Antwerp.....	San Francisco.	General.....	4,170	6,525	4,748
Kansas ¹	10	6.38	10	7.18	10	15.40	14	12.30	American...	United States Navy.....	456.0	76.1	27.0	Philadelphia...	Samoa Island..	.....	.....	.....	.....
Argonne.....	10	9.52	10	10.25	10	18.35	10	19.36	American...	Argonne Steamship Co.	385.0	51.2	26.0	Norfolk.....	Antofagasta...	Coal.....	6,970	5,878	4,335
Gera.....	10	9.40	10	11.05	10	18.40	10	22.00	British.....	Philipps, Philipps Co.	476.2	60.0	19.0	Liverpool.....	Portland.....	Ballast.....	.....	8,732	6,039
Salvador.....	4	20.38	11	6.15	11	12.54	11	16.21	British.....	Pacific Steam Navigation Co.	215.0	33.0	13.1	Cristobal.....	Champerico...	General.....	675	1,213	692
Walton Hall....	10	17.27	11	6.25	11	14.06	11	15.02	British.....	Ellerman Hall Line.....	402.0	52.0	23.6	New York....	Auckland.....	General, benzine.	5,300	5,522	3,840
Onton.....	11	15.18	12	6.20	12	13.26	12	14.40	Spanish.....	Jose Marie Urquijo.....	310.0	42.9	12.6	Bilbao.....	Caleta Colosa.	Ballast.....	.....	2,849	2,061
Diablo.....	12	7.19	12	8.00	12	15.55	.....	.....	American...	Admiral Line (S. B.).....	402.5	53.0	17.3	Antwerp.....	San Francisco.	Sand, wine, etc...	3,060	6,562	4,893
Balboa.....	8	14.20	13	6.08	13	14.43	13	21.38	American...	Colombian Maritime Co.	190.0	29.1	13.0	Cristobal.....	Buenaventura	General.....	172	741	350
Europa.....	10	9.55	13	6.15	13	13.54	13	15.00	Italian.....	La Veloce Steamship Line.....	454.0	53.0	25.1	Genoa.....	Valparaiso....	General.....	1,000	8,051	4,915
Santa Ana.....	12	19.00	13	6.16	13	12.49	13	13.35	American...	W. R. Grace & Co.	360.2	51.6	22.0	New York....	Valparaiso....	General.....	2,076	5,842	4,150
L. J. Drake....	12	15.16	13	6.25	13	14.47	(3)	.....	American...	Standard Oil Co.	419.0	57.0	26.0	Tampico.....	Balboa.....	Crude oil.....	10,500	7,439	5,554
Alaska Maru....	12	16.00	13	6.52	13	16.05	13	17.45	Japanese....	Osaka Shosen Kaisha.....	420.0	56.0	24.6	New York....	Hongkong.....	General.....	5,683	7,460	5,307
West Elcajon....	13	4.20	13	7.14	13	17.32	14	6.42	American...	McCormick & McPherson (S. B.)	409.6	54.2	24.1	Norfolk.....	San Diego.....	Coal.....	7,065	6,649	5,066
Mobile City....	13	8.37	13	9.10	13	18.20	13	19.10	American...	Isthmian Steamship Corporation.	395.5	55.0	26.0	Mobile.....	Shanghai.....	Steel.....	6,800	7,285	5,256
Sciota ²	3	16.32	13	9.20	13	15.54	14	21.42	American...	United States Navy.....	.....	.....	.....	Coco Solo....	Balboa.....	.....	.....	.....	.....
Durango.....	13	9.05	13	11.05	13	20.00	14	8.37	Spanish.....	Naviera Vascorqado.....	325.0	47.0	12.0	Teneriffe.....	Iquique.....	Ballast.....	.....	3,262	2,333
Navarra.....	13	12.32	13	12.50	13	20.02	13	21.12	Spanish.....	Naviera Mundoca.....	340.0	41.0	15.0	Cardiff.....	Iquique.....	Ballast.....	.....	3,256	2,102
Delft.....	11	6.35	14	6.15	14	13.36	15	7.52	Dutch.....	Royal Netherlands W. I. Mail...	370.0	50.0	18.0	Hamburg.....	Antofagasta...	General.....	2,213	5,862	4,393
Cristobal.....	9	8.14	15	6.05	15	12.41	15	13.49	American...	Panama Railroad Steamship Line	489.0	58.0	19.3	New York....	Mejillones....	Ballast.....	.....	10,696	8,063
Persian Prince..	15	13.50	16	6.20	16	13.53	16	14.50	British.....	Prince Line, Ltd.	417.0	56.0	24.9	New York....	Yokohama....	General.....	7,000	5,842	4,061
Steel Ranger....	16	6.52	16	7.10	16	14.29	16	16.31	American...	Isthmian Steamship Line.....	424.2	56.2	23.0	New York....	Vancouver....	General.....	7,100	.....	.....
Saint Joseph....	10	16.25	16	9.30	16	17.20	16	18.16	French.....	Cie. Gle. Transatlantique.....	398.0	51.0	18.4	Havre.....	Valparaiso....	General.....	1,542	5,979	4,170
Mesopotamia....	16	6.00	16	11.00	16	18.35	16	19.45	British.....	Westminster Steamship Co.	318.0	58.0	.....	New York....	Yokohama....	General.....	5,114	.....	.....

¹ Battleship.² Tug.³ Returned north through Canal.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Peru.....	9	21.25	10	10.18	10	18.00	.....	.....	British.....	Pacific Steam Navigation Co.	350.0	43.1	17.3	Coronel.....	Cristobal.....	General.....	583	4,095	2,655
Lake Granby...	10	11.59	10	12.52	10	21.05	11	5.44	American...	Warren Transp. Co. (S. B.).....	251.0	43.6	22.0	San Antonio...	New Orleans..	Nitrates.....	3,560	2,772	1,767
Haynie.....	10	22.15	11	7.58	11	16.25	11	23.55	American...	Sudden & Christensen (S. B.)....	402.5	53.0	24.0	Seattle.....	Grangemouth.	Lumber.....	6,500	6,524	4,756
Indiana Harbor	11	9.30	11	10.12	11	18.10	12	6.00	American...	Lind Navigation Corporation....	251.0	43.6	24.6	Antofagasta...	Baltimore....	Nitrates.....	3,749	2,857	1,784
Steel Mariner..	11	14.15	12	7.16	12	14.28	12	17.10	American...	U. S. Steel Products Co.	424.2	56.2	26.6	Mejillones....	Baltimore....	Nitrates.....	8,600	7,539	5,448
Heffron ⁴	12	8.00	12	8.50	12	15.30	.....	.....	American...	United States Army.....	440.0	56.0	17.0	Vladivostok...	Trieste.....	General.....	945	8,349	6,201
Tannenberg....	12	14.00	12	14.45	12	23.32	13	8.40	British.....	Philipps, Philipps Co.	486.0	58.0	27.0	Portland.....	London.....	Wheat.....	10,227	9,615	6,525
Mantaro.....	12	14.30	13	6.29	13	14.15	.....	.....	Peruvian...	Peruvian Line.....	360.0	46.0	22.6	Callao.....	Cristobal.....	General.....	3,325	4,838	2,959
Mont Cenis....	12	19.00	13	7.42	13	16.05	13	17.30	French.....	French Navigation Co.	365.7	49.1	22.6	San Francisco.	Gibraltar....	Wheat.....	5,336	4,662	3,512
D. G. Scofield..	13	14.30	13	8.20	13	16.42	13	17.46	American...	Standard Oil Co.	439.5	58.1	30.6	San Francisco.	Philadelphia...	Lubricating oil..	11,000	8,912	6,254
Santa Luisa....	12	21.30	13	9.00	13	16.11	13	17.27	American...	W. R. Grace & Co.	360.2	51.6	21.3	Valparaiso....	New York....	(5).....	.....	5,649	3,975
Quillota.....	13	3.00	13	10.24	13	17.06	15	2.50	British.....	Pacific Steam Navigation Co.	361.4	46.2	18.2	Guayaquil....	New York....	General.....	1,482	4,620	2,848

⁴ United States Army transport.⁵ Nitrate, copper, and vanadium.

Rimutaka.....	13	2.30	13	10.36	13	18.00	13	22.20	British.....	New Zealand Shipping Co.....	457.7	58.2	26.0	Wellington....	London.....	Frozen, general..	5,300	9,125	6,848
Red Hook.....	13	1.30	13	10.53	13	19.10	13	22.50	American...	Todd Dry Dock and Const. Co..	380.3	53.1	23.0	Kahului.....	New York....	Pineapples.....	6,300	5,657	4,138
Caddo.....	13	13.00	13	13.45	13	21.19	14	1.15	American...	Standard Oil Co.....	415.0	55.2	21.0	Iquique.....	Tampico.....	Ballast.....	6,438	4,391	
S. V. Harkness.	8	12.35	14	6.44	14	13.55	14	18.00	American...	Standard Oil Co.....	419.4	57.2	18.0	Iquique.....	Tampico.....	Ballast.....	7,443	5,545	
Richconcal.....	13	16.00	14	6.58	14	14.36	14	16.20	American...	Struthers & Dixon (S. B.).....	435.0	56.0	20.6	Iquique.....	Tampico.....	Ballast.....	7,642	5,327	
Cuyamaca.....	13	15.00	14	7.27	14	15.45	15	9.05	American...	McAllister Brothers (S. B.).....	420.7	54.0	21.6	San Diego....	Tampico.....	Ballast.....			
Minnie de Lar- rinaga.....	13	17.00	14	7.52	14	16.35	15	17.49	British.....	Larrinaga & Co., Ltd.....	420.0	54.0	24.0	Portland.....	Colon *.....	Wheat in sacks...	8,088	6,421	4,904
Manavi.....	14	5.45	14	8.22	14	17.00			British.....	Pacific Steam Navigation Co....	216.0	35.1	12.0	Guayaquil...	Cristobal.....	General.....	260	1,357	884
Tsurugisan Maru.....	14	9.00	14	11.06	14	19.35	14	22.30	Japanese....	Mitsui & Co.....	356.0	45.2	24.0	Iquique.....	Cristobal *...	Nitrates.....	5,240		
Allianca.....	14	8.25	14	11.50	14	18.30	17	14.58	American...	Panama Railroad Steamship Line	335.0	42.0	18.6	Guayaquil...	New York....	General.....	1,306	4,120	2,670
Brant *.....	12	23.00	14	12.56					American...	United States Navy.....	180.0	35.6	13.6	San Diego....	Cristobal *...				
L. J. Drake....	13	14.37	15	7.08	15	13.48	15	13.48	American...	Standard Oil Co. of New Jersey	419.0	57.0	9.6	Balboa.....	Tampico.....	Ballast.....			
Palena.....	15	3.00	15	7.39	15	14.36	18	7.07	Chilean.....	South American Steamship Line	350.0	42.1	20.6	Valparaiso...	Cristobal.....	General.....	53.55	3,666	2,577
Gorbea Mendi.	15	3.00	15	7.55	15	15.25	16	6.27	Spanish.....	Sota & Aznar.....	365.0	50.2	22.0	Tocopilla....	Cristobal *...	Nitrates.....	6,118		
Essex.....	15	2.30	15	8.30	15	16.10	15	21.10	British.....	Federal Steam Navigation Co....	460.4	58.2	22.0	Gisborne....	New York....	General.....	6,000	9,099	6,473
Lake Fanbush..	15	9.40	15	10.38	15	18.50	15	21.25	American...	N. O. & S. A. S. S. Co. (S. B.)..	251.0	43.5	25.8	Iquique.....	New Orleans..	Nitrate of soda...	3,850	2,861	1,816
Asuncion.....	15	13.30	15	14.01	15	21.02	17	18.07	American...	J. W. McNear.....	242.0	42.0	20.0	San Francisco	Copenhagen...	Gas oil.....	(9)		
Theodore Roosevelt *..	15	18.30	16	6.44	16	14.15	16	14.15	Norwegian..	Fred Olsen & Co.....	445.0	55.5	28.11	Antofagasta..	Charleston...	Nitrates.....	10,000	7,593	5,637
Gen. G. W. Getty *.....			16	7.54	16	14.26			American...	United States Army.....	98.0	22.0		Balboa.....	Cristobal.....				
Acajutla.....	16	10.00	16	11.57	16	18.04			British.....	Pacific Steam Navigation Co....	215.7	33.5	12.7	Champerico...	Cristobal.....	Coffee, hides, etc.	180	1,273	706
St. Hilary *...	16	11.20	16	13.41	16	19.00			British.....	British Ministry of Shipping....	135.3	29.1	14.0	Arica.....	Cristobal *...	Ballast.....			
Liguria.....	16	11.20	16	14.26	17	9.57			German.....	British Ministry of Shipping....	373.0	50.1	21.0	Arica.....	Cristobal *...	General.....	5,000		

* Mine sweeper No. 24, anchored in Gatun Lake. * Motor ship. * For orders. * 19,000 barrels. Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
October 10...	Ulua.....	United Fruit Co.....	Port Limon.	October 10..	Caribbean.....	Panama Railroad Cattle Industry.	Cartagena.
October 10..	Advance.....	Panama Railroad Steamship Line..	New York via Haiti.	October 10..	Ulua.....	United Fruit Co.....	New York via Habana.
October 11..	Arabia ¹⁰	Colon Import and Export Co.	Colon.	October 11..	Gen. G. W. Goethals.	Panama Railroad Steamship Line..	New York via Haiti.
October 12..	Parismina.....	United Fruit Co.....	New Orleans.	October 13..	Lake Ennis.....	United States Shipping Board.....	Bluefields.
October 12..	Lake Ennis.....	United States Shipping Board.....	Newport News.	October 13..	Toloo.....	United Fruit Co.....	Port Limon.
October 12..	Toloo.....	United Fruit Co.....	New York via Habana.	October 13..	Parismina.....	United Fruit Co.....	New Orleans and wayports
October 13..	Carrillo.....	United Fruit Co.....	New York via Kingston.	October 14..	Astmahco III.....	Astoria Mahogany Co.....	New York.
October 14..	Colon.....	Panama Railroad Steamship Line..	Cartagena.	October 14..	Advance.....	Panama Railroad Steamship Line..	New York via Haiti.
October 14..	Caribbean.....	Panama Railroad Cattle Industry.	Cartagena.	October 14..	Carrillo.....	United Fruit Co.....	New York and wayports.
October 15..	Harald.....	United Fruit Co.....	Cartagena.	October 15..	Harald.....	United Fruit Co.....	Tela, Honduras.
October 15..	Ulysses ¹¹	Panama Railroad Steamship Line..	Norfolk.	October 16..	Arabia ¹⁰	Colon Import and Export Co.....	Colon.
October 16..	Leon XIII.....	Spanish Steamship Line.....	Barcelona via wayports.				
October 16..	St. Anne *.....	British Government.....	Southampton via waypts.				

¹⁰ Motor schooner. ¹¹ Collier.

PORT OF BALBOA.

October 16...	U. S. S. Cleveland ¹² ..	United States Navy.....	Guayaquil.				
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¹² Cruiser.

*Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, October 23, 1920.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Eagle No. 10 ¹ ..	9-25	19.22	18	6.10	18	13.21	20	17.30	American...	United States Navy.....	200.0	26.0	12.0	Key West.....	San Francisco.....				
Eagle No. 58 ² ..	9-25	15.03	18	6.10	18	13.25	20	17.30	American...	United States Navy.....	200.0	26.0	12.0	Key West.....	San Francisco.....				
Eagle No. 6 ³ ...	4	18.28	18	6.10	18	13.29	20	17.30	American...	United States Navy.....	200.0	26.0	12.0	Key West.....	San Francisco.....				
Eagle No. 38 ¹ ..	9-25	17.00	18	6.10	18	13.31	20	17.30	American...	United States Navy.....	200.0	26.0	12.0	Key West.....	San Francisco.....				
Coalinga.....	18	1.50	18	6.35	18	15.17	18	17.23	American...	Union Oil Co.....	471.0	55.0	26.6	Tampico.....	Antofagasta...	Crude oil.....	8,200	8,108	5,877
Palena.....	15	14.36	18	7.07	18	15.22	18	16.30	Chilean.....	South American Steamship Line.	350.0	42.0	23.8	Cristobal.....	Valparaiso....	General.....	527	3,666	2,577
Eagle No. 35 ¹ ..	4	18.28	19	6.20	19	13.54	20	17.30	American...	United States Navy.....	200.0	28.0	12.0	Kingston.....	San Francisco.....				
Eagle No. 12 ¹ ..	9-25	15.04	19	6.20	19	13.59	20	17.30	American...	United States Navy.....	200.0	26.0	12.0	Key West.....	San Francisco.....				
Eagle No. 47 ¹ ..	9-25	15.07	19	6.35	19	14.07	20	17.30	American...	United States Navy.....	200.0	26.0	12.0	Key West.....	San Francisco.....				
Eagle No. 34 ¹ ..	9-25	15.05	19	6.20	19	14.03	20	17.30	American...	United States Navy.....	200.0	26.0	12.0	Key West.....	San Francisco.....				
Eagle No. 8 ¹ ...	9-25	19.22	19	6.35	19	14.10	20	17.30	American...	United States Navy.....	200.0	26.0	12.0	Key West.....	San Francisco.....				
Eagle No. 7 ¹ ...	4	18.28	19	6.35	19	14.23	20	17.30	American...	United States Navy.....	200.0	28.0	12.0	Kingston.....	San Francisco.....				
Grangepark....	18	6.35	19	6.22	19	13.07	19	14.00	British.....	The Denholm.....	400.4	52.3	22.6	New York....	Valparaiso....	General.....	4,500	5,710	4,017
Thomas ²	16	7.09	19	10.24	19	17.48	19	18.35	American...	United States Army.....	445.5	50.2	26.1	New York....	San Francisco.....	Gov't stores....	698		
Machigua ³	19	6.00	19	6.15	19	14.10	19	14.50	Panaman...	J. Alvarado.....	39.5	12.0	5.0	Colon.....	Panama.....	Ballast.....		23	14
McLeish, No. 220 ⁴	8	15.52	20	6.12	20	12.50	20	13.35	American...	United States Navy.....	314.0	31.0	11.0	Newport, R. I.	San Diego.....				
Bulmer No. 222 ⁴	8	15.52	20	6.16	20	12.55	20	13.35	American...	United States Navy.....	314.0	31.0	11.0	Newport, R. I.	San Diego.....				
Des Moines ⁵ ...	17	7.42	20	6.20	20	14.05	23	11.04	American...	United States Navy.....	305.0	32.0	18.0	Vera Cruz....	Valparaiso....				
Orion ⁶	16	20.55	20	6.22	20	14.00	20	15.30	American...	United States Navy.....	514.0	65.0	28.6	Norfolk.....	San Diego.....	Coal and stores..	8,550		
Wangaratta....	19	15.12	20	6.38	20	15.15	20	16.05	British.....	British India Steam Nav. Co....	450.0	58.0	29.0	New York....	Brisbane.....	General.....	8,438	8,288	5,227
Yosemite.....	17	8.16	20	6.45	20	16.40	20	17.40	American...	Pacific Steamship Co. (S. B.)....	402.6	53.0	17.6	Boston.....	Seattle.....	General.....	1,900	6,570	4,921
Oriana.....	19	17.35	20	7.04	20	15.21	20	17.40	British.....	Pacific Steam Navigation Co....	465.0	56.0	26.0	Liverpool....	Coronel.....	General.....	3,238	8,620	5,345
Garfield.....	19	20.10	20	7.12	20	16.19	20	17.25	American...	W. R. Grace & Co.....	299.0	45.0	22.0	New York....	Callao.....	General.....	2,945	3,235	2,015
Myrmidon.....	20	6.30	20	9.10	20	17.10	20	18.24	British.....	Blue Funnel Line.....	390.0	49.0	16.0	Liverpool....	San Francisco.....	General.....	1,521	4,941	3,257
Hawaiian.....	20	7.20	20	9.17	20	17.30	20	18.24	American...	American-Hawaiian Line.....	406.0	51.0	20.0	New York....	Los Angeles...	General.....	3,317	6,039	4,180
Cuba.....	17	6.43	20	10.20	20	17.45	20	22.17	American...	Pacific Mail Steamship Co.....	307.7	42.2	22.6	Baltimore....	San Francisco.....	General.....	2,784	3,429	2,206
Pleiades.....	20	8.15	20	10.35	20	18.25	20	21.25	American...	Luckenbach Steamship Line.....	331.0	47.0	20.6	New York....	San Francisco.....	General.....	3,000	4,147	3,259
Cape Colony...	20	10.22	20	12.25	20	20.10	21	10.29	British.....	British Africa Steamship Co....	331.0	46.1	22.0	Norfolk.....	Auckland.....	Coal.....	3,954	3,493	2,186
Brant ⁷	19	14.16	21	6.28	21	15.12	21	17.29	American...	United States Navy.....	180.0	35.6		Cristobal.....	Salina Cruz...				
China Arrow...	21	4.00	21	6.48	21	14.10	21	16.05	American...	Standard Transportation Co....	468.0	63.0	26.0	Beaumont....	Woosung.....	Oil.....	10,640	10,084	7,388
Maricopa.....	21	6.30	21	7.12	21	16.30	21	18.56	Norwegian..	W. Wilhelmsen.....	425.0	57.0	27.6	Tampico.....	Tocopilla.....	Oil.....	9,500	6,996	5,118
St. Anne ⁸	16	11.30	21	9.20	21	16.20	21	17.29	British.....	British Government.....	135.0	29.0	15.4	Southampton.	Junin.....	Ballast.....		450	120
San Francisco ⁹ ..	20	18.20	21	12.39	21	19.57	22	16.08	Swedish....	Johnson Steamship Line.....	360.8	51.9	19.3	Göthenburg...	Talcahuano...	General.....	3,672	5,298	4,019
Peru.....	10	18.00	21	13.10	21	21.20	22	10	British.....	Pacific Steam Navigation Co....	350.0	43.1	19.6	Cristobal.....	Valparaiso....	General.....	1,936	4,095	2,655
Orcus.....	22	6.35	22	7.05	22	14.18	22	15.22	American...	Wessel Duval & Co. (S. B.)....	380.0	53.0	21.0	New York....	Paita.....	General and coal.	4,234	5,667	4,220
Fairhaven.....	18	22.17	22	9.37	22	15.24	22	19.05	American...	Fairhaven Steamship Co.....	185.5	38.0	17.0	Cristobal.....	Puntarenas...	Ballast.....		1,164	742
St. Enoder ⁸ ...	18	21.55	22	10.52	22	18.04	22	16.08	British.....	C. Rowbotham & Son.....	135.0	29.0	13.1	Southampton.	Caleta Buena..	Ballast.....		438	114

¹ Subchaser.² U. S. Army transport.³ Launch.

Destroyer.

⁵ Cruiser.⁶ Collier.⁷ Mine sweeper, with barge No. 30.⁸ Tug.⁹ Motor ship.

Dryden.....	22	11.45	22	12.07	22	19.09	22	20.30	American...	Barber Steamship Line (S. B.)...	434.0	57.0	25.6	New York.....	Shanghai.....	General.....	9,000	7,983	5,882
Bolton Castle..	22	13.00	23	6.30	23	13.35	23	14.50	British.....	James Chambers & Co.....	400.0	50.0	27.0	New York.....	Yokohama....	General.....	8,000	6,489	4,869
West Apaum...	23	7.14	23	7.35	23	15.31	23	16.27	American...	Atlantic Gulf & Pac. Corp. (S.B.)	409.0	54.0	22.0	Mobile.....	Los Angeles...	General.....	6,000	.....	.....
Mantaro.....	13	14.15	23	13.50	23	20.55	23	21.01	Peruvian...	Peruvian Line.....	360.0	46.0	20.6	Cristobal.....	Callao.....	General.....	2,442	4,838	2,959

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Acme.....	16	16.35	17	6.39	17	13.30	17	13.30	American...	Standard Oil Co.....	435.0	56.0	19.0	San Francisco.	Beaumont....	Ballast.....	.....	7,405	5,166
Los Angeles...	16	15.30	17	6.56	17	14.36	17	14.36	American...	Union Oil Co.....	435.0	56.0	19.5	Antofagasta...	Palo Blanca...	Ballast.....	.....	7,380	5,195
Halway.....	16	23.00	17	15.21	17	23.00	19	6.59	American...	Struthers & Dixon (S. B.).....	435.0	56.0	27.6	San Francisco.	Cristobal ¹¹ ...	Diesel oil.....	(¹⁵)	7,643	5,319
Hawarden.....	18	12.30	18	7.42	18	15.27	18	15.27	American...	Williams Dimond & Co. (S. B.)...	402.5	53.0	23.6	San Francisco.	Hull.....	(¹²)	6,405	6,525	4,746
Sciota ⁸	13	15.45	18	9.45	18	15.20	.....	.....	American...	United States Navy.....	155.0	30.0	.....	Balboa.....	Cristobal.....	.....	.....	.....	.....
Fairhaven.....	18	9.55	18	14.26	18	22.17	22	10.52	American...	Fairhaven Steamship Co.....	185.0	38.0	18.6	San Francisco.	Cristobal.....	Logs, hides.....	99	1,164	742
Olen.....	18	17.30	19	6.47	19	14.45	19	19.43	American...	Williams Dimond & Co. (S. B.)...	379.5	53.1	23.2	Portland.....	Hamburg.....	Flour.....	5,185	.....	.....
Bellbuckle.....	19	1.00	19	8.27	19	17.25	19	22.45	American...	U. S. & A. Line (S. B.).....	395.5	55.0	27.1	Melbourne...	New York.....	(¹³)	8,252	7,285	5,256
Brant ¹⁰.....	.....	.....	.....	.....	19	14.16	21	6.28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eastern Soldier.	19	12.35	19	14.00	19	21.24	20	5.45	American...	General Steamship Corp. (S. B.)...	425.0	53.8	25.0	Seattle.....	Philadelphia..	Salmon, lumber.	167,500	7,217	5,295
Scottish	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Monarch.....	19	21.30	20	7.36	20	16.25	20	19.20	British.....	Monarch Steamship Line.....	420.5	54.3	25.0	Taltal.....	United King..	Nitrates.....	8,000	6,321	4,546
Cauca.....	20	1.00	20	8.16	20	15.05	24	6.25	British.....	Pacific Steam Navigation Co....	246.0	35.2	13.8	Guayaquil...	Cristobal.....	Ecuador prod..	254	1,582	1,023
Jamaica.....	20	12.10	20	8.41	20	16.26	24	10.02	British.....	Pacific Steam Navigation Co....	220.0	34.0	10.0	Tumaco.....	Cristobal.....	General.....	394	1,187	622
Shinbu Maru...	20	9.20	20	9.36	20	17.47	21	6.30	Japanese...	Katsuda Kisen Kabushiki Kaisha	400.0	48.2	25.0	Mogi.....	New York.....	General.....	6,250	5,316	3,824
Tonstad.....	20	9.40	20	10.36	20	18.55	21	4.00	Norwegian..	Grefstad Rederi.....	376.2	48.0	23.1	Caleta Buena..	Marseilles....	Nitrates.....	5,800	4,550	3,339
Donald McKay	12	23.10	21	14.08	21	22.27	22	4.00	American...	U. S. & A. Line (S. B.).....	400.7	54.2	25.0	Auckland.....	New York.....	Ore, general....	7,500	6,528	4,730
Steel Worker...	21	6.50	21	14.53	21	23.00	21	23.00	American...	United States Steel Products Co.	424.2	56.2	25.0	San Francisco.	London.....	Barley, general.	6,900	7,539	5,495
Relief ⁸	17	9.50	22	14.11	22	20.15	24	11.52	American...	Rolph Navigation and Coal Co..	112.0	22.5	12.0	Antofagasta...	Brunswick...	Ballast.....	.....	219	51
Santa Tecla...	23	12.45	23	7.28	23	14.32	23	17.06	American...	W. R. Grace & Co.....	298.6	40.0	22.9	Callao.....	New York.....	(¹⁴)	3,281	2,835	1,827
Kureha Maru...	23	6.30	23	7.46	23	16.00	23	18.30	Japanese...	Tatsuum Steamship Co. Ltd....	400.0	53.0	25.3	Java.....	New York.....	Sugar.....	7,178	.....	.....
Chile.....	23	6.40	23	10.40	23	18.04	.....	.....	British.....	Pacific Steam Navigation Co....	350.3	43.1	19.4	Colonel.....	Cristobal.....	General.....	2,046	4,065	2,668

¹⁰ Reported in last week's issue.¹¹ For orders.¹² Barley, ties, and general.¹³ Chrome ore, menagerie, etc.¹⁴ Sugar, vanadium, and ore.¹⁵ 42,000 barrels.¹⁶ Short tons.

PORT OF CRISTOBAL.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

*ARRIVALS.

Date.	Vessel.	Line.	From—
Oct. 17.....	Trinity ¹⁷	United States Navy.....	Baton Rouge.
Oct. 17.....	Tolosa.....	United Fruit Co.....	Port Limon, C. R.
Oct. 18.....	Lake Capens.....	United States Shipping Board....	Puerto Colombia.
Oct. 18.....	San Blas.....	United Fruit Co.....	Boston and Habana.
Oct. 19.....	Cartago.....	United Fruit Co.....	New Orleans.
Oct. 19.....	Antillian.....	Leyland Line.....	Liverpool.
Oct. 19.....	Calamares.....	United Fruit Co.....	New York via Habana.
Oct. 19.....	Gen. W. C. Gorgas..	Panama Railroad Steamship Line..	New York via Haiti.
Oct. 20.....	Atenas.....	United Fruit Co.....	New Orleans via wayports.
Oct. 21.....	Perou.....	French Steamship Line.....	St. Nazaire and wayports.
Oct. 22.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.

*DEPARTURES.

Date.	Vessel.	Line.	For—
Oct. 17.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
Oct. 17.....	Tolosa.....	United Fruit Co.....	New York via Habana.
Oct. 18.....	Lake Capens.....	United States Shipping Board....	Tela, Honduras.
Oct. 18.....	San Blas.....	United Fruit Co.....	Port Limon.
Oct. 19.....	Leon XIII.....	Spanish Steamship Line.....	Puerto Colombia.
Oct. 19.....	Colon.....	Panama Railroad Steamship Line..	New York.
Oct. 20.....	Ulysses.....	Panama Railroad Steamship Line..	Norfolk.
Oct. 20.....	Atenas.....	United Fruit Co.....	New Orleans.
Oct. 20.....	Calamares.....	United Fruit Co.....	Port Limon.
Oct. 21.....	Cartago.....	United Fruit Co.....	N. O., Bocas, Habana.
Oct. 22.....	Antillian.....	Leyland Line.....	Galveston.
Oct. 23.....	Perou.....	French Steamship Line.....	Puerto Colombia.
Oct. 22.....	Trinity ¹⁷	United States Navy.....	Port Arthur, Tex.

¹⁷ Oil tanker.

PORT OF BALBOA.

Oct. 17.....	Eastern Temple.....	McCormack & McPherson (S. B.)	Seattle.
Oct. 18.....	Laura C. Hall ¹⁸	Pacific Metals Corporation.....	Buenaventura.
Oct. 23.....	Lady Sybil.....	International Petroleum Co.....	Talara.
Oct. 20.....	Eastern Temple.....	McCormack & McPherson (S. B.)	Callao.

¹⁸ Motor schooner.

*Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, October 30, 1920.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Remuera.....	23	14.20	24	6.15	24	13.36	24	20.14	British.....	New Zealand Shipping Co.....	485.0	62.3	26.7	London.....	Wellington....	General.....	6,149	11,664	8,776
Cauca.....	20	15.05	24	6.25	24	12.50	24	15.35	British.....	Pacific Steam Navigation Co....	246.0	35.6	16.3	Cristobal....	Guayaquil....	General.....	1,101	1,582	1,023
Felbeck.....	23	21.40	24	6.25	24	15.02	24	16.10	American....	Williams Dimond Co. (S. B.)....	401.7	54.8	20.7	New York....	Tacoma.....	General.....	4,415	6,928	5,103
Jamaica.....	20	16.26	24	9.15	24	16.19	24	19.05	British.....	Pacific Steam Navigation Co....	220.0	34.0	13.2	Cristobal....	Tumaco.....	General.....	984	1,187	622
Inca.....	22	15.50	24	10.20	24	17.54	24	18.50	British.....	Pacific Steam Navigation Co....	375.0	43.0	21.1	New York....	Guayaquil....	General.....	2,273	3,952	2,742
Oneka.....	24	11.52	24	12.15	24	19.45	24	23.28	British.....	Standard Transportation Co....	411.8	52.0	27.6	Philadelphia..	Chefoo.....	Petroleum....	7,000	6,399	4,841
Apolo.....	24	21.30	25	6.18	25	13.32	25	14.31	Spanish.....	Maritime Union.....	375.0	52.0	17.0	Newcastle....	Arica.....	Ballast.....	4,719	3,522	
Felix Taussig..	24	14.38	25	6.20	25	14.14	25	15.25	American....	Crowell & Thurlow.....	395.0	55.0	27.11	Norfolk.....	Antofagasta..	Coal.....	8,400	6,520	4,472
Fargo.....	25	8.12	25	10.00	25	17.35	25	21.53	American....	Paragon Shipping Corp. (S. B.)..	251.0	43.6	25.8	Philadelphia..	Valparaiso....	Coal.....	3,289	2,857	1,783
Dolphin ¹	25	10.42	25	10.58	25	18.25	28	17.00	American....	United States Navy.....	256.0	33.0	15.0	Boston.....	Puntarenas...				
North American	25	7.58	25	13.15	25	20.20	25	21.20	British.....	American Metal Transp. Co....	351.0	43.6	20.1	New York....	Talcahuano...	Coke, general...	3,027	2,444	1,571
West Togus....	25	18.00	26	6.15	26	16.28	26	21.19	American....	North Atlantic & Western (S.B.)	409.8	54.2	19.0	Boston.....	Portland.....	General mdse...	3,747	6,589	4,838
Lompoc.....	26	1.22	26	6.50	26	14.39	26	17.17	British.....	C. T. Bowring & Co.....	435.0	58.8	26.6	Tampico.....	Taltal.....	Crude oil.....	5,180	7,488	5,342
National Bridge	26	2.09	26	7.00	26	15.11	26	21.19	American....	Wessel Duval & Co. (S. B.)....	324.0	46.2	24.1	Norfolk.....	Iquique.....	Coal.....	4,500	3,959	2,649
Acajutla.....	16	18.04	26	8.25	26	15.20	26	20.11	British.....	Pacific Steam Navigation Co....	215.7	33.5	16.7	Cristobal....	Champerico...	General.....	1,000	1,273	706
Lorain.....	25	18.07	26	10.35	26	18.46	27	12.00	American....	U. S., Australia and Asiatic Line (S. B.)	395.0	55.0	26.6	New York....	Cairns.....	General.....	10,170	7,288	5,207
Virgilia.....	26	7.36	27	6.00	27	14.00	27	15.07	British.....	Cunard Steamship Co.....	423.0	56.0	24.0	New York....	Sydney.....	General.....	7,122	6,334	4,552
Santa Elisa....	26	17.45	27	6.00	27	13.09	27	14.23	American....	W. R. Grace & Co.....	360.3	51.7	21.1	New York....	Valparaiso....	General.....	1,419	5,957	4,325
Panama Maru..	26	14.25	27	6.22	27	14.36	27	15.35	Japanese....	Osaka Shosen Kaisha.....	400.0	51.0	20.0	New Orleans..	Kobe.....	General.....	2,538	6,099	4,289
Knut Hamsun..	27	12.30	27	13.25	27	20.44	27	21.45	Norwegian...	Olaf Orvig.....	310.0	44.0	21.0	Baltimore....	Callao.....	Coal and coke...	3,563	2,972	2,086
Lake Fithian..	27	17.47	28	6.07	28	13.38	28	14.35	American....	New Orleans & South America S. S. Co. (S. B.)	253.0	43.0	21.7	New Orleans..	Guayaquil....	General.....	2,117	2,915	1,907
Alvarado.....	28	9.14	28	9.38	28	16.24	28	22.15	American....	Pacific Transportation Co.....	245.0	41.5	25.3	New Orleans..	San Francisco.	General.....	1,750	1,400	1,504
Sherman.....	28	9.58	28	10.10	28	17.27	28	23.35	American....	Sherman Steamship Co.....	400.0	45.0	26.0	New York....	Antofagasta..	Coke, etc.....	4,922	5,037	3,492
Dunclutha.....	27	19.30	28	12.40	28	20.06	29	10.10	British.....	Pacific Steam Navigation Co....	360.0	49.0	17.0	Liverpool....	Mejillones....	Ballast.....		4,310	3,213
West Hartland.	28	17.57	29	6.40	29	15.02	30	1.10	American....	Pacific Steamship Co. (S. B.)....	410.0	54.0	23.7	Norfolk.....	Pearl Harbor..	Coal.....	6,834	6,582	4,830
Gambada.....	29	6.50	29	7.52	29	15.46	29	18.07	British.....	British India Steam Nav. Co....	400.0	52.7	20.9	New York....	Melbourne....	General.....	6,300	5,843	4,167
Caddo.....	28	7.00	29	9.00	29	16.51	29	20.43	American....	Standard Oil Co.....	427.0	55.0	29.0	Mata Redondo	Pisagua.....	Crude oil.....	8,300	6,438	4,391
Orcoma.....	28	12.32	29	12.18	29	18.55	30	7.50	British.....	Pacific Steam Navigation Co....	512.0	62.0	26.6	Liverpool....	Coronel.....	General.....	2,645	12,227	7,942
D. A. D. G. 76.	13	6.42	29	13.05	29	20.02	30	6.57	British.....	British Government.....	460.0	58.2	15.6	Leith.....	Portland.....	Ballast.....		8,039	5,640
Ionic.....	28	22.04	29	13.10	29	21.10	29	22.12	British.....	Oceanic Steam Navigation Co....	500.0	63.0	29.6	London.....	Wellington....	General.....	5,000	12,250	9,590
Rio Gatun ²	28	16.54	29	11.55	29	14.07			Panaman....	A. R. Echardt.....	31.4	8.0	7.0	Cristobal....	Gatun Lake...	General.....	2	10	8
Edgehill.....	29	21.13	30	6.15	30	14.33	30	15.49	American....	Green Star Line (S. B.).....	409.0	54.0	24.0	Baltimore....	Shanghai....	General.....	6,355	7,451	5,845
Bearport.....	29	15.50	30	6.22	30	15.20	30	18.29	American....	Columbia and Pacific Co. (S. B.)	401.0	53.0	23.0	Philadelphia..	San Francisco.	Coal and iron...	6,000	6,611	4,725
Major Wheeler.	30	10.15	30	10.37	30	18.23	30	18.28	American....	Lind Navigation Co. (S. B.)....	305.0	46.0	22.6	Philadelphia..	Callao.....	Coal.....	4,324		
Chile.....	23	18.04	30	11.06	30	17.51	30	18.52	British.....	Pacific Steam Navigation Co....	350.3	43.0	19.0	Cristobal....	Valparaiso....	General.....	600	4,065	2,668
Essequibo.....	29	8.15	30	11.58	30	18.53	30	19.40	British.....	Pacific Steam Navigation Co....	450.0	57.6	24.0	New York....	Valparaiso....	General.....	1,425	9,037	6,089
Sofia ²	29	21.10	30	16.20	30	16.30	30	17.50	Panaman....	Jacob Spencer.....	27.5	7.9		Coco Solo.....	Panama.....	Ballast.....		5	4

¹ Gunboat.² Launch.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Cordelia.....	24	4.00	24	8.05	24	15.12	24	22.30	British.....	Union Oil Co.....	420.3	54.6	19.0	Taltal.....	Tampico.....	Ballast.....	6,690	4,971
Cacique.....	23	21.40	24	8.41	24	16.33	24	18.00	American...	W. R. Grace & Co.....	394.2	52.3	29.0	Taltal.....	Savannah.....	Nitrate, copper..	118,721	6,610
Subchaser 284..	8	14.58	24	8.50	24	15.02	.....	.....	American...	United States Navy.....	110.0	15.0	.....	Balboa.....	Cristobal.....	.....	.....	.....
Borneo Maru ..	24	6.30	24	8.55	24	17.20	24	19.00	Japanese...	Osaka Shosen Kaisha.....	385.0	51.0	24.6	Calcutta.....	New Orleans..	General.....	117,762	5,919
Bermuda.....	24	0.1	24	9.41	24	17.39	25	3.30	British.....	Lawther Latta & Co.....	469.4	56.2	28.0	Portland.....	Cristobal ⁶	Wheat.....	118,991	8,886
Madawaska....	24	3.59	24	10.27	24	19.15	25	4.05	American...	United States Government.....	490.4	55.3	26.9	San Francisco.	New York.....	(7)	101,975	.....
Hoboken.....	24	12.15	24	12.52	24	20.20	25	1.05	American...	Todd Shipyard and Const. Co..	380.4	53.1	22.6	Seattle.....	New York.....	Pineapples.....	136,800	.....
Kayseeka.....	24	16.30	25	6.42	25	14.40	26	2.35	American...	Thorndyke & Trenholme (S. B.)	400.7	54.2	24.6	Seattle.....	Limerick.....	Wheat.....	7,300	6,529
Sag Harbor....	24	16.50	25	6.43	25	15.30	25	21.20	American...	Tracy Steamship Corp. (S. B.)	264.6	42.2	21.5	Iquique.....	Norfolk.....	Nitrates.....	3,300	2,504
Waterbury.....	24	17.20	25	7.06	25	16.45	26	3.15	American...	Williams, Dimond & Co. (S. B.)	400.7	54.2	22.6	Seattle.....	Havre.....	General.....	7,059	6,529
R-27 ³	9-27	14.57	25	7.31	25	16.10	.....	.....	American...	United States Navy.....	175.0	16.0	.....	Balboa.....	Cristobal.....	.....	.....	.....
R-21 ³	9-27	15.00	25	7.35	25	16.10	.....	.....	American...	United States Navy.....	175.0	16.0	.....	Balboa.....	Cristobal.....	.....	.....	.....
San Joaquin....	25	3.00	25	7.39	25	16.44	25	19.07	Norwegian..	W. Wilhelmsen.....	425.5	57.1	19.0	Antofagasta..	Tampico.....	Ballast.....	7,059	5,075
Ardmore.....	26	15	26	8.31	26	15.37	26	15.37	American...	Standard Oil Co.....	449.6	50.1	18.0	San Francisco.	Tampico.....	Ballast.....	8,636	6,321
Royal Arrow...	26	10.15	26	11.40	26	18.50	26	18.50	American...	Standard Oil Co.....	467.6	62.7	20.0	San Francisco.	Beaumont....	Ballast.....	9,932	7,128
Balboa.....	26	14.25	26	15.02	26	22.00	1	6.45	American...	Colombian Maritime Co.....	190.0	29.1	14.8	Buenaventura	Cristobal.....	(8)	655.70	741
Archer.....	26	20.54	27	7.42	27	15.16	27	15.16	American...	Luckenbach Steamship Co. (S.B.)	440.0	56.0	26.0	San Francisco.	New York.....	Ties, general....	(14)	.....
Memphis.....	26	23.50	27	8.09	27	16.40	27	19.20	British.....	Pacific Steam Navigation Co....	471.9	61.0	26.9	Astoria.....	United King..	Flour.....	9,793	9,100
Santa Teresa...	27	30	27	8.47	27	16.42	27	17.40	American...	W. R. Grace & Co.....	360.2	51.6	23.1	Valparaiso...	New York.....	Nitrates, etc....	2,900	5,726
Astoria ⁴	27	3.45	27	9.23	27	17.55	28	17.35	American...	United States Navy.....	319.7	46.0	21.0	Oakland.....	Norfolk.....	General.....	2,008	.....
West Canon....	27	4.05	27	9.53	27	18.36	28	21.50	American...	E. C. Evans & Son (S. B.).....	410.5	54.0	25.7	Portland.....	Cork.....	Wheat.....	6,300	.....
Almelo.....	27	3.00	27	14.09	27	22.00	28	7.40	Dutch.....	Royal Netherland S. S. Co.....	447.5	62.8	28.0	Talcahuano...	Hamburg.....	(9)	9,721	9,403
Manu.....	28	7.25	28	8.40	28	17.20	29	16.50	Spanish.....	Suarez & Munez.....	365.0	45.0	24.8	Taltal.....	Azores ⁶	Nitrates.....	5,000	4,152
Nobel.....	28	7.55	28	9.20	28	19.20	.....	.....	Norwegian..	Patagas Steamship Co.....	140.4	28.6	12.2	Iquique.....	Cristobal ⁶	Nitrates.....	11450	396
Ortega.....	28	11.55	28	14.57	28	22.15	29	12.50	British.....	Pacific Steam Navigation Co....	465.3	56.3	22.9	Talcahuano...	Liverpool....	General.....	113,261	8,345
Architect.....	28	14.30	28	15.30	28	23.20	29	3.30	British.....	T. & J. Harrison Line.....	410.6	52.3	25.6	San Francisco.	London.....	General.....	7,000	6,245
Port Alma.....	29	6.00	29	8.18	29	17.00	29	19.00	British.....	Commonwealth and Dom. Line..	450.6	55.0	25.0	Melbourne....	United King..	(10)	114,868	8,204
Sofia ²	28	15.00	29	8.20	29	21.10	30	15.15	Panaman...	Jacobo Spencer.....	27.5	7.9	.....	Panama.....	Coco Solo.....	.....	.....	.....
Urubamba.....	29	11.45	29	13.28	29	20.44	.....	.....	Peruvian...	Peruvian Line.....	381.2	45.9	23.0	Callao.....	Cristobal.....	General.....	3,817	4,803
Stanley Dollar .	29	15.45	30	6.50	30	14.35	30	14.35	American...	Robert Dollar Line.....	288.8	44.6	20.3	San Francisco.	New York.....	General.....	(15)	3,460
Cleveland ⁵	16	20.15	30	7.20	30	14.35	.....	.....	American...	United States Navy.....	309.0	44.0	.....	Guayaquil...	Curacao.....	.....	.....	.....
Ruapehu.....	29	22.35	30	7.53	30	16.00	.....	.....	British.....	New Zealand Shipping Co.....	457.3	58.3	25.0	Auckland.....	London.....	Frozen, general..	114,458	9,338
Aysen.....	30	3.00	30	8.37	30	16.04	.....	.....	Chilean.....	South American Steamship Co..	379.6	44.3	19.0	Valparaiso...	Cristobal.....	General.....	1,1384	4,535
Morristown....	30	6.03	30	8.48	30	17.15	31	8.12	American...	Wessel Duval & Co. (S. B.)....	377.0	52.0	23.0	Caleta Colosa.	Charleston...	Nitrates.....	116,515	5,206
Westmeath....	30	8.50	30	9.52	30	18.50	31	12.53	British.....	Union Steamship Co. of N. Z....	475.0	56.1	27.0	Wellington...	Avonmouth...	General.....	115,651	9,530
Western Cross.	20	16.00	30	10.36	30	19.45	30	21.10	American...	Thorndyke & Trenholme (S. B.)	409.5	54.2	23.6	Seattle.....	London.....	Lumber.....	117,000	6,372
Palm Branch...	30	11.20	30	12.18	30	20.50	30	23.47	British.....	F. & W. Ritson.....	360.0	45.1	23.0	Antofagasta...	Liverpool....	General.....	115,050	4,161

³ Submarine. ⁴ Supply ship. ⁵ Cruiser. ⁶ For orders. ⁷ Government subsistence stores. ⁸ Coffee, cocoa, sugar, hides, hats, coal, and gold dust. ⁹ Nitrate and general cargo. ¹⁰ Frozen produce and wool.
¹¹ Long tons. ¹² Cubics. ¹³ Short tons. ¹⁴ Ties, 3,000,000 feet B. M., general, 6,000. ¹⁵ Lumber, 1,599,000 feet B. M., general, 1,200.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
October 24...	Calamares.....	United Fruit Co.....	Port Limon.	October 24...	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
October 25...	Bermuda.....	Lowther Latta & Co.....	High seas.	October 24...	Calamares.....	United Fruit Co.....	New York via Habana.
October 25...	Heredia.....	United Fruit Co.....	New Orleans.	October 24...	Gen. W. C. Gorgas....	Panama Railroad Steamship Line..	Puerto Colombia.
October 26...	Pastores.....	United Fruit Co.....	New York via Habana.	October 27...	Pastores.....	United Fruit Co.....	Port Limon.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

(Continued on page 172, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, November 6, 1920.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Rio Grande....	30	14.36	31	6.08	31	13.09	31	14.30	Norwegian..	Det. Nordenfjeldske S. S. Co....	360.3	52.1	24.7	Christiania....	Valparaiso....	General, coal....	5,923	5,137	3,767
Orari.....	30	13.35	31	6.25	31	13.37	31	14.50	British.....	New Zealand Shipping Co.....	460.0	60.2	29.3	Glasgow.....	Littleton.....	General.....	8,000	9,827	6,895
Shunko Maru..	30	22.40	31	6.46	31	15.24	31	16.38	Japanese....	Gogoshaki & Co.....	425.0	53.0	27.7	New York....	Yokohama....	General.....	7,759½	6,923	5,304
S. V. Harkness.	31	5.30	31	6.50	31	14.24	31	20.02	American....	Standard Oil Co.....	435.0	57.0	27.6	Tampico.....	Pisagua.....	Crude oil.....	8,781	7,443	5,545
Alkmaar.....	29	12.47	31	10.28	31	17.37	1	11.25	Dutch.....	Royal Netherlands W. I. Mail..	464.0	62.6	16.0	Hamburg.....	Valparaiso....	General.....	1,775	9,505	6,807
Lisbon Maru..	30	11.40	31	11.15	31	19.24	31	20.28	Japanese....	Nippon Yusen Kabushiki Kaisha	445.0	58.0	24.0	New York....	Yokohama....	General.....	7,816	7,608	5,479
Vinton County.	31	9.00	1	6.15	1	12.55	1	15.02	American....	Caribbean Steamship Co. (S. B.)	251.0	43.6	15.1	New York....	Guayaquil....	General.....	334	2,866	1,828
Mineola.....	31	21.54	1	6.23	1	13.59	1	15.11	American....	W. R. Grace & Co.....	298.6	40.0	21.0	New York....	Mollendo.....	General.....	2,520	2,835	1,822
Balboa.....	26	22.00	1	6.45	1	14.36	2	16.17	American....	Colombian Maritime Co.....	190.0	29.1	13.0	Cristobal....	Buenaventura.	General.....	374	741	350
Duns Law.....	1	6.40	1	7.00	1	15.16	2	14.10	British.....	Thomas Law.....	340.0	50.1	21.6	Sabine.....	Adelaide.....	Sulphur.....	5,170	3,919	2,863
Richconcal....	1	15.55	2	6.27	2	13.43	2	17.05	American....	McAllister Brothers (S. B.).....	435.0	56.0	25.6	Tampico.....	Iquique.....	Crude oil.....	9,500	7,642	5,327
Acme.....	2	5.20	2	6.50	2	15.30	2	16.30	American....	Standard Oil Co.....	435.0	56.0	27.0	Port Arthur..	Woosung.....	Petroleum.....	8,807	7,405	5,166
Durham.....	2	5.30	2	6.50	2	14.47	2	17.40	British.....	New Zealand Shipping Co.....	420.0	54.0	26.6	Montreal....	Auckland.....	General.....	3,795	7,138	5,296
Espana.....	2	7.00	2	9.02	2	17.30	8	12.45	Spanish.....	Spanish Government.....	434.6	78.0	26.4	San Juan.....	Valparaiso....	.....	.....	.....	.....
Eastern Mer- chant.....	2	10.04	2	10.35	2	18.30	2	19.22	American....	Pacific Mail Steamship Co. (S.B.)	445.0	58.0	18.0	Baltimore....	Los Angeles...	Steel.....	3,240	8,617	6,297
Statesman.....	1	7.37	2	12.10	2	19.07	2	20.18	British.....	Harrison Steamship Line.....	423.0	53.0	14.0	Liverpool....	San Francisco.	Ballast.....	.....	6,361	4,592
Mount Berwyn.	2	8.05	2	12.55	2	19.53	2	21.02	British.....	H. E. Moss.....	400.0	50.0	16.0	Genoa.....	Vancouver....	General.....	368	5,783	4,008
Aysen.....	30	16.04	2	13.37	2	20.15	2	22.03	Chilean.....	South American Steamship Line.	379.6	44.3	22.3	Cristobal....	Valparaiso....	General.....	450	4,535	3,068
Oregonian....	2	22.42	3	6.50	3	13.25	3	14.20	American....	American-Hawaiian Line.....	406.0	51.0	19.0	New York....	Los Angeles...	General.....	2,086	5,959	4,203
Forst.....	2	22.15	3	7.25	3	14.56	3	15.44	British.....	George Dodd & Co.....	450.0	58.0	16.1	Middlesboro..	Portland.....	Ballast.....	.....	7,606	5,200
Somerset.....	3	8.45	3	9.45	3	16.58	3	17.50	British.....	Federal Steam Navigation Co...	460.0	62.0	28.0	New York....	Littleton.....	General.....	13,224	9,943	7,530
Los Angeles...	4	6.12	4	7.00	4	14.37	4	15.28	American....	Union Oil Co.....	435.0	56.0	29.0	Tampico.....	Los Angeles...	Oil.....	11,000	7,380	5,195
Celebes Maru..	4	9.50	4	10.04	4	16.40	5	10.35	Japanese....	Osaka Shosen Kaisha.....	395.0	51.0	20.0	New Orleans..	Yokohama....	General.....	1,938	6,014	4,406
Cape Henry....	3	23.15	4	10.50	4	18.20	4	19.37	American....	Atlantic Gulf & Pacific S. S. Co.	376.0	52.0	24.6	Baltimore....	Los Angeles...	General.....	6,300	5,146	3,557
Fort Wayne....	5	4.35	5	6.20	5	13.51	5	15.00	American....	Williams, Dimond & Co. (S. B.)..	409.0	54.0	16.0	Boston.....	Los Angeles...	General.....	1,772	6,736	4,945
Moerdijk.....	5	5.45	5	7.15	5	14.43	5	16.00	Dutch.....	Holland-American Line.....	473.0	61.0	17.0	London.....	San Francisco.	General.....	2,500	9,165	6,961
Cedar Branch..	5	12.33	5	12.55	5	20.10	6	10.35	British.....	F. & W. Ritson.....	390.5	52.0	21.0	London.....	Coronel, wypts	General.....	4,266½	4,912	3,642
Maple Branch..	5	14.30	6	6.17	6	13.45	6	14.45	British.....	Nautilus Steam Shipping Co....	400.0	52.0	19.11	Antwerp.....	Corral.....	General.....	2,680	5,618	4,116
Hattie Lucken- bach.....	5	18.00	6	6.27	6	14.03	6	15.12	American....	Luckenbach Steamship Line....	331.5	47.0	23.0	New York....	San Francisco.	General.....	3,800	4,808	3,768
Waukegan.....	5	8.30	6	6.43	6	16.17	.....	.....	American....	Barber Steamship Line (S. B.)...	405.0	55.0	27.7	Norfolk.....	Cavite, P. I...	Coal.....	8,340	7,285	5,256
Urubamba.....	29	20.55	6	9.40	6	16.40	6	18.12	Peruvian....	Peruvian Line.....	381.2	41.1	19.6	Cristobal....	Callao.....	General.....	1,202	4,803	2,951
Auldmuir.....	6	3.54	6	10.24	6	17.38	7	7.38	British.....	Glen & Co.....	314.0	47.0	20.0	Baltimore....	Valparaiso....	Coke.....	3,226	3,188	2,262
Tranquebar....	6	10.07	6	13.30	6	20.09	6	23.02	Danish.....	Orient Steamship Co.....	370.0	47.0	21.3	Copenhagen...	Salaverry....	General, cement.	4,000	4,393	3,209

* Battleship.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

George Wash- ington ²	29	22.20	31	6.39	31	14.05	2	5.00	Norwegian..	Fred Olsen.....	425.5	53.3	28.6	San Francisco.	Bergen.....	Flour and general	9,000	7,505	5,627
Texas.....	30	15.15	31	6.47	31	15.20	31	17.05	Danish.....	United Steamship Co.....	364.0	48.5	23.6	Taltal.....	Norfolk.....	Nitrates.....	6,400	4,817	3,515
Topa Topa.....	30	17.01	31	6.55	31	15.55	1	16.17	American...	Suth. & Christenson (S. B.)....	410.0	54.4	23.2	Westminster..	Immingham...	Douglas fir ties..	(¹³)		
Eemdijk.....	31	3.00	31	7.55	31	16.36	31	16.26	Dutch.....	Holland-American Line.....	467.0	58.0	24.5	San Francisco.	Rotterdam....	General.....	8,300	8,514	6,066
Alsace.....	31	13.20	31	14.05	31	21.52	1	12.45	French.....	A. D. Bordes.....	400.3	52.4	25.5	Iquique.....	La Pallice....	Nitrates.....	7,069	5,879	4,156
Jungle Queen ³ ..	31		31		31				American...	H. M. Brunn.....				Balboa.....	Gatun Lake....				
Pyro ⁴	31	15.00	1	7.45	1	15.15	4	2.06	American...	United States Navy.....	459.8	61.1	21.0	Bremerton....	Hampton R'ds	Ammunition....	93½		
Santa Barbara..	1	5.30	1	8.20	1	15.45	1	21.10	American...	W. R. Grace & Co.....	404.6	53.9	29.0	Mejillones....	Charleston....	Nitrates, copper.	8,733	6,789	4,746
Rooke.....	1	2.30	1	8.47	1	16.55	1	18.20	British.....	Strick Line, Ltd.....	345.9	48.1	22.0	Mejillones....	Norfolk.....	Nitrates.....	5,418	4,061	2,961
Heilbronn.....	31	23.55	1	9.40	1	18.20	1	21.55	British.....	British Ministry of Shipping....	474.9	60.6	26.6	Portland.....	Norfolk ⁸	Wheat.....	9,954	9,028	6,151
Artigas.....	1	6.00	1	9.54	1	18.55	1	18.55	American...	N. Atlantic & Western Co. (S.B.)	390.0	54.2	21.8	Portland.....	Boston.....	General.....	5,261	6,161	4,427
Adelina.....	1	9.20	1	11.20	1	19.30	2	1.41	Spanish.....	Naviera Guadalquiver S. S. Soc.	359.7	49.9	24.6	Iquique.....	Magala, Spain	Nitrates.....	6,200	4,460	3,090
Minnequa.....	1	8.00	1	12.17	1	20.55	5	6.21	American...	Wessel Duval & Co. (S. B.)....	390.0	54.2	23.6	Iquique.....	Savannah....	Nitrates.....	11,300	6,106	4,355
Ellens ⁵	31	14.00	1	8.15	1	19.35	2	7.15	Panaman...	A. Chepo.....	37.6	11.7	3.0	Panama.....	Colon.....	(⁹)	1		
Guadimar.....	2	8.00	2	8.57	2	18.34	2	23.45	Spanish.....	Anonima Guadalquiver.....	350.0	43.0	25.3	Mejillones....	Valencia.....	Nitrates.....	5,617	3,926	2,737
Drumeltan ⁶	1	15.00	2	9.32	2	18.12	2	20.00	British.....	Standard Transportation Co....	266.0	40.2	14.0	Yokohama....	New York....	Ballast.....		1,964	1,793
Alloway.....	2	16.45	3	7.21	3	14.35	3	17.46	American...	Barber Steamship Line (S. B.)..	402.0	53.0	25.0	Shanghai.....	Boston.....	(¹⁰)	¹⁴ 7,448	6,565	4,862
Saint Jean.....	3	6.15	3	8.36	3	18.35	4	13.50	French.....	French Line.....	397.0	50.1	25.0	Talcahuano...	Bilbao, Spain..	Nitrates, general	6,750	5,849	4,081
Jalapa.....	3	6.50	3	9.02	3	17.30	3	23.32	American...	Thorndyke Trenholme & Co. (S.B.)	402.6	53.1	26.6	Seattle.....	Lisbon.....	Wheat.....	7,305	6,580	4,887
Salvador.....	3	15.20	4	6.32	4	13.30			British.....	Pacific Steam Navigation Co....	215.0	33.0	13.6	Champerico...	Cristobal.....	(¹¹)	169	1,213	692
Springfield....	28	7.45	4	6.38	4	14.30	4	14.30	American...	N. Atl. & Western Co. Ltd. (S.B.)	410.5	54.2	22.0	Portland.....	Boston.....	Lumber, general.	¹⁴ 7,401	6,576	4,971
San Pasqual....	3	15.30	4	6.54	4	15.55			American...	Col. Shipping Co. Ltd. (S. B.)...	420.7	54.0	21.0	San Pedro....	Tampico.....	Ballast.....		6,630	4,563
Tuscanster....	4	10.10	4	10.56	4	18.40	4	23.13	British.....	Blue Star Line.....	420.0	54.0	26.0	Hankow.....	New York.....	Frozen eggs.....	¹⁵ 6,200		
San Jose.....	3	7.20	4	12.16	4	19.50			American...	Pacific Mail Steamship Co.....	283.0	37.0	15.0	San Francisco.	Cristobal.....	General.....	472	2,352	1,602
City of Van- couver.....	4	14.20	5	6.46	5	15.05	6	3.45	British.....	Canadian-Western S. S. Co.....	411.5	54.1	23.0	Vancouver....	W. Hartlepool.	Railroad ties....	¹⁴ 6,860		
Ullstad.....	4	14.40	5	6.50	5	16.22	5	20.35	Norwegian..	Grefstad Redi.....	350.0	50.9	23.1	San Francisco.	Norfolk ⁸	Barley.....	6,100		
Henry T. Scott.	5	1.15	5	7.30	5	16.15	5	20.20	American...	Alaska Steamship Co.....	234.5	42.7	17.8	Supe.....	New York....	Sugar.....	1,806	1,814	951
Benjamin Brewster.....	23	21.30	5	8.55	5	17.39	6	12.55	American...	Standard Oil Co.....	411.6	53.4	21.0	Iquique.....	Tampico.....	Ballast.....		6,360	4,337
Saint Finbarr ⁷ ..	5	10.15	5	11.10	5	17.30			British.....	British Ministry of Shipping....	135.7	29.5	13.4	Mejillones....	Cristobal ⁸	Ballast.....		449	109
Thessalia.....	5	10.15	5	11.49	5	21.55			German.....	Hamburg-American Line.....	411.0	50.7	22.0	Mejillones....	Cristobal ⁸	Nitrates.....	4,000		
Lucie Woer- mann.....	6	4.00	6	7.30	6	15.35	6	21.10	German.....	Duetsches Segelschiff.....	366.5	47.1		Caleta Buena.	Norfolk.....	Nitrates.....	4,000		
Saint Blazey ⁷ ..	6	6.15	6	8.32	6	15.36			British.....	British Government.....	135.4	29.1	13.6	Arica.....	Cristobal ⁸	Ballast.....		447	101
Santa Rita.....	6	6.00	6	10.59	6	22.55			German.....	Hamburg-American Line.....	392.0	50.2	23.0	Valparaiso....	Hamburg.....	(¹²)	5,122		

² Motor ship. ³ Launch. ⁴ Collier. ⁵ Motor schooner. ⁶ Sailer. ⁷ Tug. ⁸ For orders. ⁹ 3 rolls wire, 8 kegs wire clamps. ¹¹ Coffee, hides, and bullion.
¹⁰ Sugar, hemp, fire crackers, tea, lumber, rice, tin, and general. ¹² Nitrates, borax, and general. ¹³ 3,941,878 feet B. M. ¹⁴ Long tons. ¹⁵ Short tons.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
Oct. 31.....	Pastores.....	United Fruit Co.....	Port Limon.	Oct. 31.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
Oct. 31.....	Gen. W. C. Gorgas..	Panama Railroad Steamship Line..	Colombian ports.	Oct. 31.....	British Soldier.....	British Tanker Co.....	Tampico.
Nov. 2.....	Parismina.....	United Fruit Co.....	New Orleans.	Oct. 31.....	Pastores.....	United Fruit Co.....	New York via Habana.
Nov. 2.....	Ulua.....	United Fruit Co.....	New York via Habana.	Nov. 1.....	Panama.....	Panama Railroad Steamship Line.	New York and Haiti.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

(Continued on page 186, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, November 13, 1920.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Eastern Sailor..	6	16.13	7	6.14	7	13.40	7	17.00	American...	Williams Dimond & Co. (S. B.)..	415.0	55.7	18.0	Alexandria....	San Francisco.	General.....	7,704	7,704	5,707
Esther Dollar..	6	11.37	7	6.35	7	15.02	7	15.47	American...	Robert Dollar Steamship Co....	483.0	57.0	27.3	New York....	Vancouver....	General.....	10,000	9,856	7,133
Opawa.....	6	15.04	7	6.40	7	14.10	7	15.15	British.....	New Zealand Shipping Co.....	460.0	60.0	31.0	Liverpool....	Dunedin.....	General.....	8,208	9,967	6,936
Kathlamba....	6	17.25	7	6.47	7	15.29	8	21.24	British.....	Ellerman & Bucknall.....	434.0	57.0	24.0	New York....	Auckland.....	General.....	6,714	8,114	6,322
Talabot.....	7	12.25	7	12.55	7	21.15	7	22.20	Norwegian..	N. S. Bjønness.....	411.0	56.0	31.0	Norfolk.....	Mejillones....	Coal.....	9,321	8,279	6,328
Tuscan Prince..	7	14.52	8	6.37	8	14.15	8	15.25	British.....	Prince Line, Ltd.....	435.0	54.0	24.6	New York....	Shanghai....	General.....	7,700	6,747	5,029
Paíta.....	7	14.57	8	6.40	8	15.06	8	16.30	Peruvian...	Peruvian Line.....	387.0	48.0	24.6	Liverpool....	Callao.....	General.....	4,762	4,867	3,544
Oluf Maersk...	7	14.58	8	6.45	8	16.00	8	17.00	Danish.....	A. P. Moller.....	280.0	40.0	18.6	Norfolk.....	Mollendo....	Briquettes....	2,735	2,213	1,527
Ancon.....	2	19.45	8	7.30	8	15.40	8	16.30	American...	Panama Railroad Steamship Line	489.5	58.0	19.0	Norfolk.....	Antofagasta..	Coal.....	10,157	7,689	7,689
Bachi.....	8	7.15	8	11.30	8	18.32	8	19.50	Spanish.....	Cia. Naviera Bachi.....	331.2	46.0	21.6	Savannah....	Mejillones....	Coal.....	4,443	3,470	2,121
San Jose.....	4	19.50	9	6.05	9	14.37	9	17.22	American...	Pacific Mail Steamship Co.....	283.0	37.0	18.6	Cristobal....	San Francisco.	General.....	1,789	2,352	1,602
D. G. Schofield.	8	15.00	9	6.13	9	13.30	9	16.23	American...	Standard Oil Co.....	439.0	58.0	26.6	Tampico.....	San Francisco.	Naphtha oil....	9,000	8,912	6,254
Ansaldo San Giorgio II...	8	12.52	9	6.18	9	14.40	10	7.30	Italian.....	Societe Nat. di Navigazione...	391.7	51.0	14.1	Genoa.....	Valparaiso....	General.....	1,770	5,886	4,289
Bakersfield....	9	2.53	9	7.39	9	14.53	9	15.55	American...	Williams Dimond & Co. (S. B.)..	410.5	54.3	17.0	Alexandria....	San Francisco.	General.....	896	6,593	4,924
Hvidehavet....	9	8.07	9	9.37	9	16.46	9	17.52	Danish.....	Atlantier Lavet Steamship Co...	324.2	48.7	20.0	Newport News	Callao.....	Coal.....	4,020	3,457	2,381
Strinda.....	9	7.32	9	10.15	9	18.17	9	19.40	Norwegian..	Mowinkel Steamship Co.....	439.5	57.0	24.0	New York....	Coronel.....	General.....	8,660	7,411	5,066
Lake Maurepas	9	7.35	9	12.40	9	20.35	10	0.43	American...	Wessel Duval & Co. (S. B.)....	253.6	43.3	20.6	Norfolk.....	Chile.....	Coal.....	2,344½	2,383	1,517
Gen. G. W. Goethals....	5	6.29	9	12.56	9	19.30	10	7.30	American...	Panama Railroad Steamship Line	353.0	48.7	20.6	New York....	Buenaventura.	General.....	914	5,125	3,564
Santa Luisa...	9	20.15	10	6.00	10	13.22	10	14.25	American...	W. R. Grace & Co.....	360.0	51.6	23.5	New York....	Valparaiso....	General.....	3,090	5,694	3,975
Salvador.....	4	13.30	10	6.06	10	13.51	10	17.03	British.....	Pacific Steam Navigation Co....	207.7	33.0	14.9	Cristobal....	Champerico...	General.....	997	1,213	692
Amazon Maru...	9	18.50	10	6.08	10	15.00	10	17.10	Japanese...	Osaka Shosen Kaisha.....	425.0	56.0	27.6	New York....	Singapore....	General.....	7,519	7,901	5,629
Manavi.....	10-14	17.00	10	8.35	10	15.44	10	16.40	British.....	Pacific Steam Navigation Co....	216.1	35.1	12.6	Cristobal....	Guayaquil....	General.....	315	1,357	884
Haxtum.....	11	7.22	11	7.00	11	14.11	11	22.58	American...	McCormick & McPherson (S. B.)	402.5	53.0	15.0	Glasgow.....	San Francisco.	General.....	6,525	4,748	4,748
Cordelia.....	12	4.55	12	6.44	12	15.06	12	19.20	British.....	C. T. Bowring & Co.....	420.3	54.0	27.0	Tampico.....	Tocopilla....	Fuel oil.....	5,000	6,690	4,963
San Joaquin...	12	6.16	12	6.56	12	15.21	12	18.06	Norwegian..	W. Wilhelmsen.....	425.0	58.0	27.0	Tampico.....	Antofagasta..	Crude oil.....	9,300	7,059	5,076
Quillwark.....	12	7.00	12	7.43	12	16.24	12	21.00	American...	E. C. Evans & Sons (S. B.)....	403.0	53.0	27.0	Newport News	San Diego....	Coal.....	8,171	6,582	4,882
Jamaica.....	8	17.30	12	11.21	12	17.52	12	20.30	British.....	Pacific Steam Navigation Co....	220.0	34.0	12.6	Cristobal....	Tumaco.....	General.....	768	1,187	622
Delagoa Maru..	12	11.40	12	12.00	12	19.00	13	0.45	Japanese...	Nippon Yusen Kabushiki Kaisha	420.0	56.0	28.0	Philadelphia..	Manila.....	Kerosene.....	7,337	7,249	5,171
Pedro Christophersen¹	12	12.14	13	6.15	13	14.05	13	23.15	Swedish...	Johnson Steamship Line.....	362.0	51.6	17.6	Stockholm....	Talcahuano...	General.....	1,658	5,081	4,013
General Getty²	.....	.....	13	6.15	13	13.50	.....	.....	American...	United States Army.....	.....	.....	.....	Cristobal....	Balboa.....	.....	.....	.....	.....
Ellen³.....	1	19.35	13	7.00	13	.....	.....	.....	Panaman...	H. L. Kierulff.....	43.0	12.8	3.0	Colon.....	Balboa.....	.....	17	14	14
Point Judith...	11	10.50	13	8.00	13	14.53	13	20.40	American...	Pacific Mail Steamship Co.....	289.0	44.0	17.6	Baltimore....	San Francisco.	General.....	2,400	2,895	1,982
Hororata.....	13	6.50	13	12.52	13	.....	13	21.30	British.....	New Zealand Shipping Co.....	511.0	64.0	30.0	New York....	Auckland.....	General.....	6,664	12,623	8,598

¹ Motor ship.

² Tug.

³ Launch.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Mahana.....	7	0.30	7	8.08	7	16.05	8	6.59	British.....	Shaw Savill & Albion Co.....	500.9	63.3	27.0	Wellington....	London.....	Frozen, general..	6,494½	12,151	8,727
Point Adams...	6	18.18	7	2.06	7	21.15	8	20.55	American...	Pacific Mail Steamship Co.....	289.0	44.1	19.5	San Francisco.	Baltimore....	General.....	3,157	2,899	1,971
Ebro.....	7	13.30	7	15.00	7	21.40	9	2.55	British.....	Pacific Steam Navigation Co....	450.3	57.8	26.0	Valparaiso....	New York....	General.....	2,149	9,089	6,215
Iris.....	6	6.30	8	6.45	8	14.28	8	20.20	American...	Swayne & Hoyt.....	304.3	38.8	21.0	San Francisco.	New York....	Lumber, general..	(6)	3,030	2,021
Cristobal.....	7	15.20	8	6.58	8	15.33	8	17.05	American...	Panama Railroad Steamship Line	489.5	58.0	28.0	Mejillones....	Pensacola....	Nitrate of soda..	9,529	10,475	7,954
Kronprinsessan Margareta¹...	7	14.38	8	8.09	8	15.25	8	15.25	Swedish....	H. Johnson.....	360.2	51.4	23.0	San Francisco.	Stockholm....	General.....	5,383	5,296	3,967
Friesland.....	8	3.00	8	8.25	8	16.25	8	20.20	British.....	Shipping Controller.....	520.7	64.2	30.4	Seattle.....	Avonmouth...	Wheat.....	13,516	12,321	8,690
Consuelo.....	8	2.00	8	9.34	8	18.20	9	11.55	Spanish....	Ricardo Ortiz.....	342.2	46.6	23.0	Caleta Buena.	Hampton R'ds	Nitrates.....	75,700	3,879	2,868
Jamaica.....	7	20.30	8	9.35	8	17.30	12	11.21	British.....	Pacific Steam Navigation Co....	220.0	34.0	13.2	Tumaco.....	Cristobal....	General.....	703	1,187	622
Grace Dollar...	8	9.05	8	10.00	8	19.45	9	6.24	British.....	Canadian Robt. Dollar Line....	412.4	55.8	28.0	Singapore....	New York....	General, lumber..	78,700	7,118	5,177
Ucayali.....	8	7.30	8	11.24	8	19.05	.....	.....	Peruvian...	Peruvian Steamship Co.....	374.7	46.3	21.6	Callao.....	Cristobal....	General.....	72,457	4,466	2,405
West Katan....	8	10.00	8	11.35	8	19.40	9	4.45	American...	Williams Dimond & Co. (S. B.)..	410.5	54.3	23.0	San Francisco.	Hull.....	Lumber, general..	5,683	6,573	4,901
Shortsville....	8	10.05	8	12.08	8	20.20	8	20.22	American...	Luckenbach Steamship Co. (S. B.)	324.0	46.2	21.6	San Francisco.	New York....	General.....	72,604	3,959	2,628
Cape Romaine.	8	17.25	9	7.04	9	14.35	10	23.17	American...	Atlantic, Gulf & Pacific Corp....	376.4	52.3	20.0	San Francisco.	Philadelphia..	General.....	3,600	5,142	3,568
Northumber- land.....	8	19.00	9	8.05	9	16.05	9	18.35	British.....	Federal Steam Navigation Co....	530.5	63.0	26.7	Wellington....	Boston.....	Meat and wool..	76,650	12,821	8,700
Witram.....	8	19.30	9	8.28	9	17.15	10	1.25	British.....	Shipping Controller.....	438.9	57.2	25.0	Portland.....	United King..	Wheat.....	78,269	7,461	5,085
Ayaha Maru...	9	7.50	9	9.38	9	17.50	10	6.25	Japanese...	Tatsuma Kisen Kaisha.....	400.0	54.5	24.0	Samaran, Java	New York....	Sugar.....	77,100	5,788	4,116
Laura C. Hall¹.	4	20.25	9	12.23	9	19.25	.....	.....	British.....	Pacific Metals Corp.....	81.0	25.6	10.0	Buenaventura.	Cristobal....	Ballast.....	.....	130	69
Vixon³.....	8	21.00	9	9.00	.....	.....	.....	.....	American...	M. R. Wisner.....	18.0	5.0	1.6	Taboga Island.	Pedro Miguel..	.....	.....	.....	.....
Renaico.....	9	16.45	10	6.40	10	13.45	11	9.00	Chilean....	South American Steamship Co..	412.0	50.5	25.6	Talcahuano...	New York....	General.....	2,798	6,050	3,442
Peru¹.....	9	18.00	10	7.46	10	14.48	10	16.55	Danish.....	East Asiatic Co.....	425.3	55.2	28.5	San Francisco.	Copenhagen...	General.....	9,150	7,407	5,660
Port Darwin...	9	17.30	10	8.01	10	15.25	10	18.40	British.....	Commonwealth and Dom. Line.	480.4	60.3	26.1	Melbourne....	London.....	General, frozen..	8,107	10,530	7,968
California.....	9	22.45	10	8.20	10	16.00	10	17.16	Danish.....	United Steamship Co.....	405.4	54.2	26.0	Antofagasta...	New York....	Nitrate, copper..	77,704	6,707	4,934
Maricopa.....	10	0.01	10	8.36	10	16.22	10	19.35	Norwegian..	W. Wilhelmsen.....	425.2	57.0	19.0	Tocopilla....	Tampico.....	Ballast.....	.....	6,996	5,108
Heber.....	8	14.00	10	12.13	10	22.47	10	22.47	American...	McCormick & McPherson (S.B.)	402.4	53.0	26.6	Portland.....	Rotterdam....	Wheat.....	7,389	.....	.....
Santa Ana.....	10	18.00	11	6.39	11	13.15	11	14.05	American...	W. R. Grace & Co.....	360.2	51.6	25.0	Valparaiso....	New York....	(4)	4,271	5,842	4,150
Cauca.....	11	5.00	11	8.01	11	14.35	.....	.....	British.....	Pacific Steam Navigation Co....	246.0	35.2	16.2	Guayaquil....	Cristobal....	General.....	1,132	1,582	1,023
Uncas.....	2	16.50	11	14.03	11	20.35	12	12.43	British.....	Standard Transportation Co....	375.0	51.2	19.6	San Pedro....	Tampico.....	Ballast.....	.....	.....	.....
Florence Olson.	11	13.45	11	14.28	11	21.45	12	1.12	American...	Oliver J. Olson.....	213.7	42.0	20.8	St. Helens....	Santo Domingo	Lumber, ties....	2,211	1,381	635
Athenic.....	11	15.20	12	6.38	12	15.28	14	16.12	British.....	White Star Line.....	500.3	63.3	26.6	Wellington....	London.....	(5)	4,338	12,877	9,587
Victoria.....	11	22.00	12	7.43	12	15.48	.....	.....	British.....	Pacific Steam Navigation Co....	401.4	52.3	19.0	Talcahuano...	Liverpool....	General.....	1,990	6,887	4,575
Coalinga.....	12	20.30	13	7.47	13	14.40	13	19.00	American...	Union Oil Co.....	471.0	55.0	19.0	Antofagasta...	Tampico.....	Ballast.....	.....	8,108	5,877
Waimana.....	13	4.45	13	8.10	13	16.30	13	18.05	British.....	Shaw Savill & Albion Co.....	477.6	63.1	29.6	Lyttleton....	London.....	Frozen, general..	7,110	11,229	8,252
Huasco.....	13	4.30	13	8.22	13	16.44	.....	.....	Chilean....	South American Steamship Co..	379.7	44.3	19.0	Valparaiso....	Cristobal....	General.....	730	4,552	3,182
Navarra.....	13	12.35	13	13.36	13	21.20	14	6.34	Spanish....	Cia Naviera Mandaca.....	340.0	41.1	23.0	Iquique.....	Santander....	Nitrates.....	73,770	3,256	2,102
Fairhaven.....	13	13.10	13	14.20	13	21.45	.....	.....	American...	Fairhaven Steamship Co.....	185.5	38.0	18.0	Puntarenas...	Cristobal....	Hardwood, etc... 599	1,164	742	.....

¹ Nitrate, sugar, quillay, and general.

² Mutton, beef, wool, and tallow.

³ Lumber, 542,000 feet B. M.; general, 1,640 short tons.

⁴ Long tons.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
Nov. 7.....	St. Aristol¹.....	British Government.....	Saint Lucia.	Nov. 7.....	Ulua.....	United Fruit Co.....	New York via Habana.
Nov. 7.....	Ulua.....	United Fruit Co.....	Port Limon.	Nov. 8.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
Nov. 8.....	St. Erith².....	British Government.....	Leith.	Nov. 9.....	St. Minver².....	British Government.....	Kingston.
Nov. 8.....	Colon.....	Panama Railroad Steamship Line..	New York via Habana.	Nov. 10.....	Oranje Nassau.....	Royal Netherlands West India Mail.	Cartagena.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

(Continued on page 195, Column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, November 20, 1920.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
West Kedron...	13	17.38	14	6.10	14	13.24	14	14.35	American...	Williams, Dimond & Co. (S. B.)	410.5	54.0	17.0	Leith.....	San Francisco	Ballast.....		6,572	4,900
Curaca.....	13	7.00	14	6.20	14	14.43	14	15.53	British.....	New York & Pacific S. S. Co....	403.0	52.0	27.5	Norfolk.....	Iquique.....	Coal, briquettes.	6,600	6,804	4,897
Tremeadow....	13	17.25	14	6.29	14	16.00	14	17.10	British.....	Hain Steamship Co.....	400.0	52.0	24.0	New York....	Sydney.....	General.....	5,100	5,797	4,090
Nishmaha.....	13	16.18	14	6.30	14	15.01	16	14.31	American...	U. S. & A. Line (S. B.).....	401.0	53.2	25.7	New York....	Melbourne...	Case oil, general.	6,220	6,611	4,794
Lake Elkwater.	12	7.35	14	9.18	14	17.00	14	17.45	American...	Amer. Metal Transport (S. B.)..	253.4	43.6	24.6	Boston.....	Antofagasta..	Coal.....	3,285	2,939	1,976
City of Bristol.	14	22.20	15	6.48	15	13.49	15	15.35	British.....	Ellerman Hall Line.....	452.0	56.0	25.6	New York....	Lyttleton....	General.....	10,000	8,063	6,188
Bath ¹	14	15.55	15	13.10	15	19.55	17	13.09	American...	United States Navy.....	329.2	46.2	26.0	Norfolk.....	Mare Island..	Gen. (for navy)..	3,200	3,945	2,564
Huasco.....	13	16.44	16	6.11	16	13.30	16	14.21	Chilean.....	South American Steamship Line.	379.0	44.0	20.0	Cristobal....	Valparaiso...	General.....	386	4,552	3,182
Amalienborg...	15	13.32	16	6.19	16	13.36	16	14.37	Danish.....	C. K. Hansen.....	320.3	47.2	22.0	Norfolk.....	Antofagasta..	Coal.....	4,019	3,567	2,460
Cauca.....	11	14.35	16	6.23	16	12.32	16	17.00	British.....	Pacific Steam Navigation Co....	246.0	35.2	14.6	Cristobal....	Guayaquil....	General.....	278	1,582	1,023
Osaqumsick....	13	12.55	16	9.47	16	17.02	16	18.10	American...	Pacific Steamship Co. (S. B.)...	401.9	53.1	17.0	Philadelphia.	Seattle.....	Iron and steel...	1,200	6,572	4,949
Fairhaven.....	13	21.45	16	12.40	16	19.28	16	20.25	American...	Fairhaven Steamship Co.....	185.5	38.0	16.0	Cristobal....	Puntarenas...	Ballast.....		1,164	742
Sciota ²			16	9.25	16	15.48			American...	United States Navy.....				Coco Solo....	Balboa.....				
Rio Gatun ³ ...	15	18.35	16	12.00	16	14.17			Panaman...	A. R. Echardt.....				Cristobal....	Gatun Lake...	Unknown.....	8	8	8
Ucayali.....	8	19.05	17	9.10	17	16.11	18	2.58	Peruvian...	Peruvian Line.....	374.0	46.0	18.3	Cristobal....	Callao.....	General.....	825	4,466	2,405
Tanager ⁴	16	12.13	17	12.56	20	12.32	20	14.00	American...	United States Navy.....	182.0	35.0	13.6	Guantanamo..	San Diego....				
Quillota.....	16	6.24	17	13.09	17	20.14	17	21.10	British.....	Pacific Steam Navigation Co....	361.0	46.0	19.6	New York....	Guayaquil....	General.....	1,346	4,768	2,987
Australford....	17	13.00	17	13.21	17	21.50	18	7.41	British.....	Commonwealth and Dom. Line..	376.1	52.0	23.0	Port Arthur..	Adelaide....	Case oil.....	5,800	4,718	3,359
Honduras.....	13	7.57	18	6.15	18	13.52	18	14.50	French.....	French Steamship Line.....	405.0	51.6	18.0	Hamburg.....	Talcahuano...	General.....	964	6,020	4,363
Fredk. Luckenbach.	17	20.00	18	6.27	18	14.00	18	15.00	American...	Luckenbach Steamship Line....	317.5	40.2	22.0	New York....	San Francisco	General.....	2,500	2,986	2,091
Gen. Graham ⁵ .			15	8.15	15	13.49			American...	United States Army.....				Cristobal....	Balboa.....				
Eastern Ocean.	19	1.39	19	6.50	19	14.04	19	15.00	American...	McCormick & McPherson (S.B.)	385.0	51.0	18.6	New York....	Los Angeles...	General.....	1,486	6,224	4,465
Arzila.....	12	18.48	20	6.20	20	13.18	20	15.58	British.....	Royal Mail Steam Packet Co...	285.0	41.3	19.2	London.....	Champerico...	General.....	1,538	2,856	1,797
Laura C. Hall ⁵ .	9	19.25	20	6.20	20	13.53	21	10.15	British.....	Pacific Metals Corporation.....	81.0	25.0	9.0	Cristobal....	Buenaventura.	General.....	16	130	69
Dan J. Hanlon ⁶	20	3.05	20	8.32	20	15.24			American...	D. J. Hanlon.....	192.0	40.0	8.0	Brunswick, Ga	San Francisco				1,142

¹ Supply ship.² Tug.³ Launch.⁴ And barge.⁵ Motor schooner.⁶ Barge.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Margaret Coughlan...	14	0.01	14	8.02	14	15.55	15	6.45	Canadian...	Canadian-Western S. S. Co.....	411.5	54.1	23.0	Vancouver....	Garston, Eng.	(7)	97,140	6,624	4,999
Calcutta Maru...	14	6.30	14	8.14	14	16.10	14	17.20	Japanese...	Nippon Yusen Kaisha.....	400.0	54.5	17.6	Shanghai....	New York....	General.....	94,400	5,790	4,183
Port Sydney...	14	11.20	14	12.10	14	20.25	15	23.07	British.....	Commonwealth and Dom. Line..	501.3	63.3	28.6	Wellington...	London.....	(8)	8,570	11,857	8,947
Ansaldo San Giorgio IV...	10	14.15	15	6.50	15	15.25	15	19.50	Italian.....	Societe Nazionale de Nav.....	377.0	51.0	24.0	Valparaiso....	Genoa.....	Nitrate and sugar	6,500	5,545	3,530
Elder Branch...	15	10.00	15	11.04	15	18.10	15	19.20	British.....	Nautilus Steam Shipping Co....	380.3	49.7	23.4	Puntarenas...	Liverpool....	General.....	6,340	4,965	3,653
Kaisho Maru...	15	10.15	15	11.23	15	18.40	15	21.50	Japanese...	Katsuda Steamship Co.....	407.2	50.8	27.6	Valparaiso....	Norfolk.....	Nitrates.....	7,701	6,108	4,565

⁷ Douglas fir and railroad ties.⁸ Frozen meat, cheese, and wool.⁹ Long tons.

Isis.....	15	23.15	16	8.08	16	15.18	16	15.55	British.....	Philipps, Philipps & Co.....	476.6	62.4	28.0	Portland.....	London.....	Wheat.....	10,925	9,629	7,013
Kinderdijk.....	16	16.15	17	6.35	17	14.05	17	14.50	Dutch.....	Holland-American Line.....	469.5	58.2	25.6	Tacoma.....	Rotterdam....	General.....	8,786	8,515	6,068
Wawalona.....	16	11.45	17	6.52	17	14.48	20	9.55	American...	Pacific Steamship Co. (S. B.)...	401.4	53.2	27.4	Portland.....	Cadiz, Spain..	Flour.....	7,187	6,611	4,793
Orator.....	17	2.30	17	7.41	17	17.00	17	20.38	British.....	T. & J. Harrison.....	385.5	52.1	22.0	Vancouver....	London.....	General, lumber.	6,000	5,178	3,870
Cherry Branch.	17	6.30	17	8.24	17	17.45	17	22.52	British.....	Nautilus Steam Shipping Co....	400.0	51.9	24.6	Talcahuano...	Liverpool....	General.....	6,450	5,391	3,974
Cape May.....	17	18.30	18	6.30	18	13.44	18	13.44	American...	Barber Line (S. B.).....	415.0	53.7	23.0	Kobe.....	New York....	General.....	4,500	7,060	4,870
Crisfield.....	17	16.00	18	6.47	18	14.17	18	18.00	American...	American Metals Transp. Co (S.B)	402.6	54.8	18.0	Antofagasta...	Hampton R'ds	Ballast.....	.....	6,932	5,100
Orani.....	17	20.08	18	7.45	18	15.32	18	18.02	American...	Williams, Dimond Co. (S. B.)...	401.9	53.2	24.0	San Francisco.	London.....	General.....	7,000	6,577	4,954
Acajutla.....	18	2.30	18	8.01	18	14.48	.....	.....	British.....	Pacific Steam Navigation Co....	215.7	33.5	12.8	Champerico...	Cristobal.....	Coffee, hides, etc	193	1,273	706
City of Para...	18	18.00	19	6.28	19	13.22	.....	.....	American...	Pacific Mail Steamship Co.....	345.0	38.6	17.6	San Francisco.	Cristobal.....	(¹¹)	296	3,739	2,459
Lake Ellicott...	15	7.30	19	12.17	19	20.10	20	2.00	American...	N. O. & S. A. S. S. Co. (S. B.)...	253.0	43.0	23.6	Iquique.....	Wilmington...	Nitrates.....	3,700	2,920	1,973
Onton.....	19	13.45	19	14.28	19	22.35	20	2.41	Spanish.....	Jose M. Urquijo & Co.....	310.0	42.9	21.0	Caleta Colosa.	Colon ¹⁰	Nitrates.....	4,220	2,849	2,061
Balboa.....	20	6.15	20	8.20	20	14.58	.....	.....	American...	Colombian Maritime Co.....	190.0	29.1	13.6	Buenaventura.	Cristobal.....	(¹²)	603	741	350
Oropesa.....	20	10.00	20	11.18	20	19.15	21	6.15	British.....	Pacific Steam Navigation Co....	530.0	66.3	26.5	Valparaiso....	Liverpool....	General.....	6,608	.....	.....
Matatua.....	20	11.30	20	12.50	20	20.08	20	22.40	British.....	Shaw Saville & Albion Co.....	448.0	56.5	23.5	Auckland.....	New York....	Mutton, general.	3,823	8,535	6,049

¹⁰ For orders.¹¹ Merchandise, coffee, hides, and sugar.¹² Coffee, hides, rubber, hats, and nuts.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
Nov. 14.....	Tolosa.....	United Fruit Co.....	Port Limon.	Nov. 14.....	Caribbean.....	Panama Railroad Cattle Industry.	Cartagena.
Nov. 15.....	San Blas.....	United Fruit Co.....	Boston.	Nov. 14.....	Tolosa.....	United Fruit Co.....	New York via Habana.
Nov. 15.....	Heredia.....	United Fruit Co.....	New Orleans.	Nov. 14.....	Colon.....	Panama Railroad Steamship Line..	New York via Haiti.
Nov. 15.....	Nevisian.....	Leyland Line.....	Liverpool and wayports.	Nov. 14.....	Puerto Rico.....	French Line.....	Puerto Colombia.
Nov. 15.....	Allianca.....	Panama Railroad Steamship Line.	New York via Haiti.	Nov. 14.....	Cape Romain.....	Atlantic Gulf & Pacific Co.....	Philadelphia.
Nov. 16.....	Calamares.....	United Fruit Co.....	New York via Habana.	Nov. 15.....	San Blas.....	United Fruit Co.....	Boston via Limon.
Nov. 17.....	Metapan.....	United Fruit Co.....	New Orleans via wayp'ts.	Nov. 16.....	Ulysses.....	Panama Railroad Steamship Line..	Norfolk.
Nov. 17.....	Advance.....	Panama Railroad Steamship Line.	New York via Haiti.	Nov. 17.....	Calamares.....	United Fruit Co.....	Port Limon.
Nov. 18.....	La Navarre.....	French Line.....	Saint Nazaire, wayports.	Nov. 17.....	Metapan.....	United Fruit Co.....	New Orleans.
Nov. 18.....	Caribbean.....	Panama Railroad Cattle Industry.	Cartagena.	Nov. 17.....	Nevisian.....	Leyland Line.....	Houston.
.....	.....	.....	.....	Nov. 17.....	St. Giles ²	British Government.....	Kingston.
.....	.....	.....	.....	Nov. 18.....	Heredia.....	United Fruit Co.....	N. O. via Bocas, Habana.
.....	.....	.....	.....	Nov. 18.....	Allianca.....	Panama Railroad Steamship Line..	New York.
.....	.....	.....	.....	Nov. 20.....	.....	.....	.....

*Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight November 27, 1920.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Brush.....	20	14.50	21	6.14	21	12.52	21	14.00	American...	North Atl. & Western S. S. Co..	390.0	54.2	20.6	Boston.....	San Francisco.	General mdse....	4,500	6,161	4,433
Lake Fanbush..	20	16.30	21	6.22	21	13.33	21	14.30	American...	N. O. & S. A. S. S. Co. (S. B.)..	251.0	43.6	24.1	New Orleans..	Talcahuano...	General.....	2,812	2,861	1,816
Dorset.....	20	18.03	21	6.27	21	14.54	21	16.30	British.....	New Zealand Shipping Co.....	460.0	58.2	26.6	Newport News	Auckland.....	General.....	8,083	9,223	6,585
La Paz.....	20	5.51	21	6.55	21	15.47	22	0.45	British.....	Pacific Steam Navigation Co....	406.1	54.0	26.2	Glasgow.....	Valparaiso....	General.....	9,678	7,216	4,912
Theodore																			
Roosevelt ¹ ...	21	4.06	21	8.54	21	16.22	21	22.25	Norwegian..	Fred Olsen & Co.....	425.0	55.0	29.0	Norfolk.....	Iquique.....	Coal.....	9,900	7,593	5,637
Aviles.....	18	20.34	21	12.16	21	18.50	24	13.48	Spanish....	Alejandro Navajas.....	370.0	41.2	15.0	Valencia.....	Arica.....	Ballast.....		3,731	2,581
Southampton ² ..	20	23.42	21	12.17	21	18.35	25	12.36	British.....	British Government.....	430.0	49.0	18.6	Trinidad.....	Valparaiso....				
Schodack.....	21	17.20	22	6.10	22	15.21	22	16.28	American...	United States Shipping Board...	390.0	54.0	25.1	New York....	Yokohama....	General.....	6,496	6,106	4,401
Havo.....	21	14.16	22	6.24	22	14.49	29	14.30	Norwegian..	Henrik Ostervold.....	385.0	51.0	25.0	Sabine.....	Melbourne....	Sulphur.....	6,150	5,210	3,756
Effingham.....	21	21.00	22	6.30	22	14.05	22	15.00	American...	Williams Dimond & Co. (S. B.)..	402.6	54.8	16.0	New York....	San Francisco.	General.....	2,662	6,932	5,181
Henrik Lund...	22	7.25	22	7.40	22	15.39	22	17.25	Norwegian..	Willy Gilbert.....	340.2	47.2	25.0	Galveston....	Sydney.....	Sulphur.....	5,250	4,380	3,242
Raithwaite....	22	8.20	22	8.40	22	16.39	22	17.55	British.....	Leslie Shipping Co.....	324.0	47.0	20.5	Baltimore....	San Antonio...	Coke and oil...	3,435	3,358	2,400
Rotarian.....	22	10.52	22	11.20	22	18.20	22	19.20	American...	Swayne & Hoyt (S. B.).....	380.5	53.0	18.3	Buenos Aires..	San Francisco.	General.....	1,435	5,660	4,174
Cape Natal....	22	11.29	23	6.13	23	12.48	23	13.48	British.....	British Africa Coaling Co.....	330.0	46.0	16.0	New York....	San Francisco.	Ballast.....		3,481	2,169
Chatham ²	21	17.05	23	6.40	23	14.39	23	16.25	British.....	British Government.....	456.9	49.6	28.0	Port-of-Spain.	Salina Cruz...				
Peter H.																			
Crowell.....	22	20.00	23	10.10	23	17.33	23	18.30	American...	Crowell & Thurlow.....	313.0	46.0	14.0	Barbados.....	Callao.....	Ballast.....		3,351	2,318
Relief ³	18	14.20	23	10.40	23	16.38	27	9.07	American...	Rolph Navigation Co.....	112.0	22.5	12.5	Brunswick, Ga	San Francisco.	Ballast.....		219	51
Bologna.....	20	9.30	23	10.40	23	16.38	23	18.35	Italian.....	La Veloce Steamship Line.....	385.0	47.0	19.6	Genoa.....	Valparaiso....	General.....	549	5,192	3,593
Madawaska ⁴ ...	19	20.50	23	11.55	23	19.00	23	20.20	American...	United States Army.....	508.0	55.0	28.3	New York....	San Francisco.	General.....	459	10,282	7,027
City of Para...	19	13.22	24	6.05	24	14.07	24	19.00	American...	Pacific Mail Steamship Co.....	345.0	38.6	21.6	Cristobal....	San Francisco.	General.....	2,605	3,739	2,459
Santa Teresa...	23	19.00	24	6.14	24	13.29	24	14.28	American...	W. R. Grace & Co.....	360.2	51.6	25.2	New York....	Valparaiso....	General.....	3,995	5,726	4,086
Balboa.....	20	14.58	24	6.20	24	14.13	24	20.35	American...	Colombian Maritime Co.....	190.0	29.1	13.0	Cristobal....	Buenaventura.	General.....	100	741	350
Tattnall ⁵	23	15.27	24	8.40	24	14.52			American...	United States Navy.....	310.0	31.0	10.6	Guantanamo..	San Diego.....				
Gen. Graham ⁶ ..	23	13.45	24	9.07	24	16.30			American...	United States Army.....				Cristobal....	Balboa.....				
Wm. A. Mc-																			
Kenney.....	24	12.41	25	6.20	25	14.11	25	15.05	American...	Crowell & Thurlow.....	395.0	55.0	28.8	Charleston...	Valparaiso....	Coal.....	8,394	6,532	4,528
Devon.....	25	6.45	25	7.47	25	15.11	25	16.12	British.....	Federal Steam Navigation Co...	473.0	59.0	29.0	New York....	Sydney.....	General.....	9,920	9,944	7,000
Sudbury.....	22	9.52	25	9.46	25	16.43	25	21.20	American...	United American S. S. Line....	384.8	51.2	18.0	New York....	San Francisco.	General.....	3,646	5,213	3,625
Steel Voyager..	25	13.15	25	13.35	25	20.25	26	11.52	American...	United Steel Products Co.....	395.5	55.0	28.6	New York....	Vancouver....	Steel and general	8,890	7,285	5,256
Nevada.....	25	14.30	26	6.27	26	13.47	26	16.25	Danish.....	United Steamship Co.....	375.0	50.0	26.0	Norfolk.....	Arica.....	Coal.....	5,562½	4,990	3,558
Benj. Brewster.	26	4.03	26	8.30	26	15.47	27	12.28	American...	Standard Oil Co.....	411.6	53.4	24.0	Tampico.....	Pisagua.....	Petroleum.....	7,100	6,360	4,337
Deer Lodge....	25	18.43	27	6.12	27	15.24	27	16.35	American...	American Shipping Corp. (S. B.)	409.8	54.2	24.0	Jacksonville..	Kobe.....	General.....	6,230	6,589	4,765
Neches ⁷	27	9.05	27	9.31	27	16.57			American...	United States Navy.....	475.0	56.0	26.0	Port Arthur...	Balboa.....	Fuel oil.....	87,304		
Ardmore.....	27	10.30	27	11.00	27	19.55	27	21.15	American...	Standard Oil Co.....	449.5	59.6	25.5	Port Lobos...	Pisagua.....	Crude oil.....	9,300	8,636	6,321
Raranga.....	27	11.00	27	11.20	27	18.34	27	19.32	British.....	Shaw Saville & Albion Co.....	478.0	63.2	27.0	London.....	Sydney.....	General.....	12,036	10,986	7,837
Santa Tecla...	27	5.39	27	12.52	27	20.31	27	21.15	American...	W. R. Grace & Co.....	298.6	40.0	23.0	New York....	Callao.....	General.....	3,113½	2,835	1,827

¹ Motor ship.² Cruiser.³ Tug.⁴ Transport.⁵ Destroyer.⁶ Mine planter.⁷ Tanker.⁸ 52,000 barrels.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

William H. Do-heny.....	20	15.25	21	6.38	21	13.25	21	14.47	American...	Pan-American Pet. Co.....	435.0	56.0	20.0	San Francisco.	Tampico.....	Ballast.....			
Vinton County.....	20	16.25	21	6.48	21	15.40	22	17.55	American...	Caribbean Steamship Co. (S. B.)...	251.0	43.6	17.2	Guayaquil....	Cristobal ⁹	(¹⁰)	¹⁴ 1,180	2,866	1,828
Sylvan Arrow.....	21	3.00	21	7.30	21	16.20	21	17.12	American...	Standard Transportation Co.....	467.6	62.7	21.0	San Francisco.	Beaumont.....	Ballast.....		9,931	7,095
Corcovado.....	22	6.20	22	8.53	22	16.20	22	20.15	British....	Pacific Steam Navigation Co.....	390.0	47.2	23.0	Talcahuano...	Liverpool.....	General.....	¹⁴ 4,090	4,976	3,284
Gen. W. M. Graham ⁶	15	13.49	23	6.45	23	13.45	24	9.07	American...	United States Army.....				Balboa.....	Cristobal.....				
Guatemala.....	23	7.00	23	10.57	23	18.58			British....	Pacific Steam Navigation Co.....	359.3	43.3	18.0	Valparaiso....	Cristobal.....	General.....	1,904	4,210	2,744
Perene.....	23	13.15	24	6.38	24	16.37			Peruvian...	Peruvian Line.....	284.1	39.1	20.6	Callao.....	Cristobal.....	(¹¹)	¹⁴ 2,830		
West Cahokia..	23	18.03	24	7.02	24	14.32	24	16.00	American...	Sudden & Christensen (S. B.)....	410.5	54.0	24.0	Portland.....	Lisbon.....	Wheat in sacks..	6,000	6,622	4,882
Pallas.....	24	6.30	24	8.10	24	16.05	24	21.00	American...	Swayne & Hoyt (S. B.).....	380.5	53.1	24.6	San Francisco.	Buenos Aires..	General.....	5,334	5,659	4,034
Santa Elisa.....	24	7.30	24	9.01	24	16.02	24	17.30	American...	W. R. Grace & Co.....	360.3	51.7	24.0	Valparaiso....	New York.....	(¹²)	3,608	5,957	4,325
Caddo.....	21	19.00	24	13.29	24	20.25	24	20.25	American...	Standard Oil Co.....	415.0	55.2	22.0	Antofagasta...	Tampico.....	Ballast.....		6,438	4,391
Durango.....	24	11.30	24	13.39	25	0.15	25	12.20	Spanish....	Cia. Naviera Vascongada.....	325.0	47.1	22.0	Iquique.....	Azores ⁹	Nitrates.....	4,413	3,262	
San Juan.....	24	14.00	25	6.54	25	13.35			American...	Pacific Mail Steamship Co.....	283.0	37.0	16.0	San Francisco.	Cristobal.....	(¹³)	368	2,379	1,593
Wiltshire.....	25	1.30	25	8.17	25	15.50	25	19.40	British....	Federal Steam Navigation Co.....	526.5	61.4	24.6	Sydney.....	Southampton..	Frozen meat, etc.	3,700		
Clauseus.....	25	3.00	25	9.07	25	16.45	26	16.22	American...	Green Star Corp. S. S.....	409.8	54.2	22.0	Portland.....	Grangemouth..	Railroad ties....	5,996	6,581	4,741
Gera.....	25	12.05	25	13.54	25	21.35	25	21.35	British....	Philipps, Phillipps & Co.....	473.0	60.6	27.6	Portland.....	Antwerp.....	Wheat.....	9,479	8,732	6,039
Jamaica.....	25	11.50	26	6.32	26	12.47			British....	Pacific Steam Navigation Co.....	220.0	34.0	12.0	Tumaco.....	Cristobal.....	General.....	54	1,187	622
Lompoc.....	19	22.30	26	6.39	26	13.30	26	13.30	British....	C. T. Bowring & Co.....	435.3	55.8	18.5	Taltal.....	Tampico.....	Ballast.....		7,488	5,342
Steel Maker...	25	21.00	26	8.11	26	15.25	26	15.25	American...	U. S. Steel Products Co.....	395.5	55.0	27.6	Tacoma.....	New York.....	Lumber, general..	8,375	7,285	5,256
Eastern Belle..	25	21.00	26	8.48	26	15.55	26	20.15	American...	McCormick & McPherson (S.B.)...	305.0	43.7	23.6	Tacoma.....	Nuevitas.....	Lumber.....	3,500	3,265	2,187
Manavi.....	26	5.40	26	8.58	26	16.40			British....	Pacific Steam Navigation Co.....	216.0	35.1	13.6	Guayaquil....	Cristobal.....	Produce.....	524½	1,357	884
Sciota ³	16	15.48	26	9.49	26	16.35			American...	United States Navy.....	155.0	30.0		Balboa.....	Cristobal.....				

⁹ For orders. ¹⁰ Cocoa, ivory nuts, and quinine. ¹¹ Sugar, copper, cotton, etc. ¹² Nitrates, copper, tin ore, glue, quillay, lentils, and raisins. ¹³ General merchandise, hides, and copper. ¹⁴ Long tons.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
Nov. 21.....	Calamares.....	United Fruit Co.....	Port Limon.	Nov. 21.....	Caribbean.....	Panama Railroad Cattle Industry.	Cartagena.
Nov. 21.....	Quilpue.....	Pacific Steam Navigation Co.....	London.	Nov. 21.....	La Navarre.....	French Line.....	Puerto Colombia.
Nov. 21.....	Allianca.....	Panama Railroad Steamship Line..	High seas.	Nov. 21.....	Calamares.....	United Fruit Co.....	New York via Habana.
Nov. 21.....	Santa Leonora.....	United States Army.....	New Orleans.	Nov. 21.....	Allianca.....	Panama Railroad Steamship Line..	New York.
Nov. 22.....	Columbia.....	N. O. & S. A. S. S. Co.....	New Orleans and wayports.	Nov. 22.....	Columbia.....	N. O. & S. A. S. S. Co.....	New Orleans and wayports
Nov. 23.....	Tyne.....	Royal Mail Steam Packet Co.....	Hamburg.	Nov. 22.....	Advance.....	Panama Railroad Steamship Line..	New York via Haiti.
Nov. 23.....	Pastores.....	United Fruit Co.....	New York via Habana.	Nov. 24.....	Pastores.....	United Fruit Co.....	Port Limon.
Nov. 23.....	Parismina.....	United Fruit Co.....	New Orleans.	Nov. 24.....	Abangarez.....	United Fruit Co.....	New Orleans.
Nov. 24.....	Panama.....	Panama Railroad Steamship Line..	New York via Haiti.	Nov. 24.....	Quilpue.....	Pacific Steam Navigation Co.....	New York.
Nov. 24.....	Abangarez.....	United Fruit Co.....	New Orleans and wayports.	Nov. 25.....	Turrialba.....	United Fruit Co.....	New York via Colombia and Kingston.
Nov. 24.....	Turrialba.....	United Fruit Co.....	New York via Kingston.				
Nov. 25.....	Stuyvesant.....	Royal Netherlands W. I. Mail....	Amsterdam.	Nov. 25.....	Parismina.....	United Fruit Co.....	New Orleans via Bocas del Toro and Habana.
Nov. 25.....	Caribbean.....	Panama Railroad Cattle Industry.	Cartagena.				
Nov. 26.....	Corning.....	Standard Oil Co.....	Tampico.	Nov. 26.....	Stuyvesant.....	Royal Netherlands W. I. Mail....	Cartagena.
Nov. 26.....	Antonio Lopez.....	Spanish Line.....	Habana.	Nov. 27.....	Santa Leonora.....	United States Army.....	New Orleans.
Nov. 26.....	Logan ⁴	United States Army.....	New Orleans.	Nov. 27.....	Lake Flynus.....	United States Shipping Board....	Puerto Cabello.
Nov. 27.....	Crescent ¹⁵	H. A. Bodden.....	Cayman Island via Ser-rana Bank.				

¹⁵ Schooner.

PORT OF BALBOA.

Nov. 21.....	Guardian ¹⁶	All-America Cables Co.....	Callao.	Nov. 24.....	Griffo.....	James Griffiths & Son.....	Callao.
Nov. 24.....	Griffison ¹⁷	James Griffiths & Son.....	Portland.				
Nov. 24.....	Griffo.....	James Griffiths & Son.....	Port Townsend.				

¹⁶ Cable ship.

¹⁷ Barge.

*Other than ships passing through the Canal.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight December 4, 1920.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Laurel Branch..	27	11.30	28	6.10	28	13.21	28	14.35	British.....	F. & W. Ritson.....	360.0	46.0	17.6	Glasgow.....	Puntarenas...	General.....	2,633	4,182	3,033
Sydie.....	24	19.05	28	6.25	28	14.24	28	15.35	Swedish.....	Transatlantic Steamship Co.....	385.0	53.7	24.0	Norfolk.....	Port Chalmers	Coal.....	6,007	5,420	4,035
Coalinga.....	27	21.56	28	6.47	28	15.50	29	15.42	American...	Union Oil Co.....	471.0	55.0	27.0	Tampico.....	Tocopilla.....	Oil.....	9,000	8,108	5,877
Bessie Dollar...	28	10.15	28	10.45	28	17.48	28	20.02	British.....	Canadian Robert Dollar Co.....	369.0	50.0	21.6	Norfolk.....	Singapore....	General.....	3,200	5,245	3,991
De isle.....	28	11.26	28	12.00	28	19.45	28	20.55	American...	Luckenbach Line (S. B.).....	320.0	46.0	21.0	New York....	San Francisco.	General.....	4,250	3,803	2,350
S. C. 284.....			28	10.40	28	16.03			American...	United States Navy.....				Cristobal....	Balboa.....				
Argosy.....	28	9.30	29	6.20	29	13.27	29	14.35	American...	Wessel Duval & Co. (S. B.).....	390.0	54.2	24.0	Norfolk.....	Paita.....	Coal and general	6,149	6,161	4,433
Lake Ennis....	28	15.52	29	6.40	29	14.13	30	14.22	American...	Balt. Trans. Atl. Corp (S. B.)..	261.1	43.8	23.0	New York....	Santa Cruz...	Coal.....	2,700	2,497	1,644
Mexico.....	28	12.15	29	9.50	29	17.45	29	18.45	British.....	Pacific Steam Navigation Co....	400.9	52.3	22.2	Liverpool....	Valparaiso....	General.....	3,325	6,551	4,205
Agamemnon...	29	17.45	30	6.15	30	13.48	30	18.08	British.....	Alfred Holt & Co.....	452.0	52.0	25.0	Liverpool....	Kobe.....	General.....	6,800	6,921	4,873
West Calera....	29	1.37	30	6.30	30	14.52	30	16.00	American...	Pacific Mail S. S. Co. (S. B.)...	410.5	54.0	18.0	Baltimore....	San Francisco.	General, steel...	2,000	6,617	4,925
Chepadocia....	30	6.45	30	7.35	30	15.59	1	16.00	American...	U. S. & A. S. S. Co. (S. B.)...	402.0	53.0	25.0	New York....	Brisbane.....	General mdse...	7,100	6,577	4,944
Eldorado.....	29	13.35	30	7.57	30	16.38	1	16.52	American...	Pac. & Caribbean Gulf Line S.B.)	246.0	42.0	18.6	New Orleans..	San Francisco.	General.....	2,020	2,439	1,671
Eibergen.....	30	6.09	30	8.40	30	16.49	30	17.57	Dutch.....	South Holland Shipping Co.....	385.0	52.0	15.0	Norfolk.....	Portland.....	Ballast.....		5,354	3,839
Nereus.....	29	20.28	30	10.14	30	18.45	2	14.54	American...	United States Navy.....	500.0	63.0	28.6	Norfolk.....	Balboa.....	Coal, naval sup.	10,001	11,143	6,749
Arawa.....	29	12.28	30	12.00	30	19.50	30	21.00	British.....	Shaw Saville & Albion Co.....	460.0	60.0	28.6	London.....	Auckland.....	General.....	7,000	10,035	7,504
Charles H. Cramp	30	12.11	30	12.50	30	20.58	30	22.27	American...	Atl. Gulf & Pac. Corp. (S. B.)..	404.0	53.9	26.0	Baltimore....	San Francisco.	General.....	6,600	6,755	4,688
U. S. S. Turkey ¹	23	7.55	1	8.50	1	17.26	1	18.36	American...	United States Navy.....	182.0	35.0	13.0	Charleston...	San Diego.....				
Perene.....	24	16.37	1	10.09	1	18.23	1	20.36	Peruvian...	Peruvian Line.....	284.1	39.1	16.0	Cristobal....	Callao.....	General.....	2,000	2,168	1,529
Jamaica.....	26	12.47	1	12.18	1	19.48	1	20.58	British.....	Pacific Steam Navigation Co....	220.0	34.0	11.6	Cristobal....	Champerico...	General.....	613	1,187	622
San Juan.....	25	13.35	2	6.05	2	13.35	2	16.25	American...	Pacific Mail Steamship Co.....	283.0	37.0	17.5	Cristobal....	San Francisco.	General.....	1,564	2,379	1,593
Manavi.....	26	16.40	2	6.10	2	13.39	2	15.40	British.....	Pacific Steam Navigation Co....	216.0	35.0	15.0	Cristobal....	Guayaquil....	General.....	225	1,357	884
Port Melbourne	1	18.42	2	6.26	2	15.20	3	20.09	American...	Commonwealth and Dom. Line..	501.0	63.0	29.0	Hull.....	Auckland.....	General.....	12,724	11,861	9,065
Glenpool.....	2	6.42	2	7.36	2	17.56	4	15.05	American...	Standard Oil Co.....	401.0	53.0	27.0	Puerto Lobos.	Balboa.....	Crude oil.....	7,500	6,019	4,272
Acajutla.....	29	21.27	2	7.55	2	15.40	2	21.05	British.....	Pacific Steam Navigation Co....	215.7	33.5	15.1	Cristobal....	Tumaco.....	General.....	811	1,273	706
Guernica.....	2	8.35	2	9.30	2	17.40	3	13.10	Spanish.....	Cia Auxiliar Maritime.....	338.0	46.0	20.6	Newport News	Iquique.....	Coal.....	3,713	3,797	2,540
Satsuma.....	2	15.06	3	6.30	3	14.21	4	16.20	American...	Barber Steamship Co.....	370.3	48.7	27.1	New York....	Manila.....	General.....	7,000	5,369	3,960
Azumasan Maru	2	22.10	3	6.32	3	15.17	3	20.03	Japanese...	Mitsui & Co.....	380.0	48.0	25.0	Norfolk.....	Mejillones...	Coal.....	5,512	4,359	3,397
Altai Maru....	3	6.49	3	7.38	3	19.46	4	6.29	Japanese...	Osaka Shosen Kaisha.....	425.0	56.0	22.6	New York....	Hongkong....	(⁵)	6,499	7,903	5,635
West Kader....	3	8.20	3	8.50	3	20.33	4	9.50	American...	Sudden & Christensen (S. B.)...	410.0	54.0	24.0	Norfolk.....	Pearl Harbor..	Coal.....	7,381	6,623	4,599
Palena.....	29	21.35	3	10.18	3	19.45	3	20.57	Chilean.....	South American Line.....	350.0	42.0	23.9	Cristobal....	Valparaiso....	General.....	620	3,666	2,577
Ballard ²	3	4.34	3	12.58	3	20.31			American...	United States Navy.....	310.0	25.0	12.0	Habana.....	San Diego.....				
Toyooka Maru.	3	18.10	4	6.27	4	14.42	4	16.00	Japanese...	Nippon Yusen Kabushiki Kaisha	445.0	58.0	26.3	New York....	Yokohama....	General.....	8,329	7,747	5,556
Pelican ³	30	22.21	4	6.30	4	16.27	4	21.16	American...	United States Navy.....	182.0	35.0	12.0	Norfolk.....	San Diego.....				
Clan Murray...	3	15.15	4	6.40	4	15.35	4	18.32	British.....	Cayzar Irvine & Co.....	415.0	54.0	27.0	Philadelphia.	Darien.....	Case oil.....	6,800	6,315	4,273
Guatemala....	23	17.58	4	9.38	4	18.15	4	19.45	British.....	Pacific Steam Navigation Co....	359.3	45.0	19.3	Cristobal....	Valparaiso....	General.....	1,691	4,210	2,744
Laura C. Hall ⁴	3	15.25	4	11.10	4	18.07			British.....	Pacific Metals Corp.....	81.0	25.0	10.6	Cristobal....	Buenaventura.	General.....	25½	130	69
Ebro.....	3	17.10	4	13.32	4	20.14	4	21.35	British.....	Pacific Steam Navigation Co....	450.0	57.0	25.4	Cristobal....	Valparaiso....	General.....	2,726	9,089	6,215

¹ And barge No. 21.² Destroyer.³ And barge No. 1.⁴ Motor schooner.⁵ Oil, machinery, angle, tins plates, steel plates, and general.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Point Bonita...	27	16.30	28	7.24	28	14.07	30	10.45	American...	Pacific Mail Steamship Co.....	289.0	44.1	16.10	San Francisco.	Baltimore.....	(11)	1,967	2,895	1,993
Point Lobos...	27	21.00	28	7.58	28	15.30	29	12.35	American...	Pacific Mail Steamship Co.....	289.0	44.1	19.0	Iquique.....	Norfolk.....	Nitrates.....	3,090	2,895	1,967
S. V. Harkness.	28	4.50	28	8.34	28	15.55	29	1.00	American...	Standard Oil Co.....	419.4	57.2	19.0	Antofagasta...	Tampico.....	Ballast.....		7,443	5,545
Europa.....	28	0.30	28	8.57	28	18.35	30	13.05	Italian.....	La Veloce Line.....	406.2	53.2	23.6	Valparaiso....	Genoa.....	General.....	2,017	8,052	4,915
Lavada.....	26	2.30	28	13.28	28	20.46	28	21.30	American...	Luckenbach Steamship Co. (S.B.)	402.5	53.0	22.6	Seattle.....	New York....	Lumber, general.	6,061	6,566	4,778
Katherine ⁶ ...	27	14.40	28	14.18	28	22.42	29	9.21	American...	Venancia Concepcion.....	275.0	43.5	22.6	Manila.....	New York....	Coconut oil....	2,800	2,357	1,795
Santa Paula...	29	6.15	29	7.27	29	14.30	30	14.15	American...	W. R. Grace & Co.....	404.5	53.7	27.0	Iquique.....	Copenhagen...	Nitrates.....	7,750	6,744	4,825
Apolo.....	28	16.40	29	7.40	29	15.37	29	15.27	Spanish.....	Maritima Union.....	375.3	50.0	23.0	Taltal.....	Parragona....	Nitrates.....	6,500	4,719	3,522
Palena.....	29	14.00	29	15.02	29	21.35	3	10.18	Chilean.....	South American Steamship Co...	350.0	42.1	19.5	Valparaiso....	Cristobal....	General.....	797	3,666	2,577
Richconcal...	22	4.00	30	6.36	30	13.40	30	14.18	American...	McAllister Bros. (S. B.).....	435.0	56.0	19.0	Iquique.....	Tampico.....	Ballast.....		7,642	5,327
Garfield.....	29	17.10	30	6.42	30	15.30	30	19.20	American...	W. R. Grace & Co.....	299.4	45.0	20.6	Callao.....	New York....	(12)	2,956	3,228	2,010
U. S. S. Neches.	27	16.37	30	7.43	30	16.12	6	5.08	American...	United States Navy.....	475.0	56.0		Balboa.....	Norfolk.....	Ballast.....		Displ.	14,800
Dunclutha....	30	5.00	30	8.12	30	17.23	30	19.25	British.....	Glen & Co.....	360.0	49.2	23.6	Mejillones....	Colon ¹⁰	Nitrates.....	5,818	4,310	3,213
Argonne.....	30	13.00	30	13.59	30	21.52	1	13.04	American...	Argonne Steamship Co., Inc....	385.0	51.2	26.0	Pisagua.....	Cristobal ¹⁰ ...	Nitrates.....	7,500	5,878	4,335
Steel Exporter..	30	2.30	1	7.02	1	14.10	1	14.10	American...	United States Steel Products Co.	424.2	56.2	26.0	Vancouver,B.C	Avonmouth...	General.....	7,407	7,539	5,448
General G. W.																			
Goethals.....	1	8.15	1	11.13	1	17.55	3	15.07	American...	Panama Railroad Steamship Line	353.1	48.7	20.0	Guayaquil....	New York....	(13)	1,821	5,125	3,564
Cauca.....	1	13.45	1	15.02	1	22.23			British.....	Pacific Steam Navigation Co....	246.0	35.2	12.6	Guayaquil....	Cristobal....	(14)	289½	1,582	1,023
Eastern Glen...	2	7.20	2	9.09	2	16.22	3	23.40	American...	Thorndyke & Trenholme (S. B.)	399.9	54.7	24.6	Seattle.....	Lisbon.....	Wheat.....	6,500	6,132	4,330
Nereus ⁷	30	18.45	2	15.00	2	22.10	3	17.12	American...	United States Government.....	500.0	60.0		Balboa.....	Norfolk.....	Ballast.....		11,143	6,749
Laura C. Hall ⁴	1	8.30	3	6.16	3	15.25	4	11.10	British.....	Pacific Metals Corp.....	81.0	25.6	10.0	Buenaventura.	Cristobal....	Platinum.....	(15)	130	69
Essequibo.....	2	16.45	3	6.22	3	13.50	5	2.14	British.....	Royal Mail Steam Packet Co...	450.3	57.8	21.0	Valparaiso....	New York....	General.....	1,526	9,037	6,089
Hoyeisan Maru.	2	15.30	3	6.32	3	15.55	3	17.58	Japanese...	Mitsui & Co.....	407.2	50.8	26.0	Iquique.....	Cristobal ¹⁰ ...	Nitrates.....	50	6,189	4,440
Mantaro.....	2	21.00	3	8.13	3	16.08			Peruvian...	Peruvian Line.....	360.0	46.0	18.0	Callao.....	Cristobal....	General.....	1,153	4,838	2,959
Pasadena.....	28	17.20	3	9.11	3	20.03	4	2.48	American...	Callaghan Atkinson & Co. (S.B.)	402.6	53.0	26.0	Callao.....	Wilmington..	Nitrates.....	7,932	6,329	4,519
Culberson.....	3	8.30	3	11.35	3	20.17	4	2.05	American...	McCormick & McPherson (S.B.)	410.0	54.4	23.9	Seattle.....	United King..	Wheat.....	5,863		
St. Anne ⁸ ...	3	9.50	3	12.05	3	20.03			British.....	British Government.....	135.4	29.5	14.9	Junin.....	Cristobal ¹⁰ ...				
Sebara ⁹	3	9.50	3	13.00					German.....	Cosmos Line.....	400.0	52.0	23.6	Junin.....	Cristobal ¹⁰ ...	Nitrates.....	5,334		
Oriana.....	3	6.30	3	14.03	3	21.38	4	2.00	British.....	Pacific Steam Navigation Co....	465.7	56.2	23.9	Coronel.....	Liverpool....	General.....	4,458	8,620	5,345
Republic.....	3	16.00	4	6.30	4	14.50	4	15.40	American...	Chile Steamship Co.....	345.1	49.1	19.3	Antofagasta...	Baltimore....	Copper, general.	4,001	4,623	3,372
Salvador.....	3	17.15	4	6.38	4	14.00			British.....	Pacific Steam Navigation Co....	215.0	33.5	13.0	Champerico...	Cristobal....	General, coffee..	493½	1,213	692
Chincha.....	4	1.00	4	7.50	4	16.00	4	16.00	American...	Green Star Line.....	403.0	52.3	26.3	Grays Harbor.	Liverpool....	Ties, etc.....	(16)	6,429	4,624
Glenpool.....	2	17.56	4	15.17	4	22.20	4	22.20	American...	Standard Oil Co. of N. J.....	400.0	53.2		Balboa.....	Port Lobos...	Ballast.....		6,019	4,272

⁶ Auxiliary schooner. ⁷ Collier. ⁸ Tug. ⁹ Anchored in Gatun Lake. ¹⁰ For orders. ¹¹ Canned goods and general merchandise. ¹² Cotton, ore, sugar, and general.
¹³ Coffee, cocoa, and hides. ¹⁴ Coffee, cocoa, hides, and general. ¹⁵ 3 boxes. ¹⁶ 3,924,644 feet B. M. Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
Nov. 28.....	Pastores.....	United Fruit Co.....	Port Limon.	Nov. 28.....	Pastores.....	United Fruit Co.....	New York via Habana.
Nov. 28.....	Achilles ¹⁷	Panama Railroad Steamship Line..	Norfolk.	Nov. 28.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
Nov. 29.....	St. Mihiel ¹⁸	United States Army.....	New York.	Nov. 29.....	Panama.....	Panama Railroad Steamship Line..	Puerto Colombia.
Nov. 30.....	Cartago.....	United Fruit Co.....	New Orleans.	Nov. 29.....	Tyne.....	Royal Mail Steam Packet Co.....	Cartagena.
Nov. 30.....	Ulua.....	United Fruit Co.....	New York via Habana.	Nov. 29.....	Corning.....	Standard Oil Co.....	Tampico.
Dec. 1.....	Atenas.....	United Fruit Co.....	New Orleans and wayp'ts.	Nov. 30.....	Logan ¹⁸	United States Army.....	San Juan.

¹⁷ And barge *Darien*.

¹⁸ Transport.

(Continued on page 245, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight December 11, 1920.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Tatsuno Maru.....	4	22.55	5	6.25	5	13.57	5	15.00	Japanese....	Nippon Yusen Kabushiki Kaisha	450.0	58.0	25.0	New York....	Manila.....	Lubricating oil..	7,156	7,719	5,415
Gen. O. H. Ernst.....	5	5.55	5	7.05	5	15.40	8	10.48	American...	Panama Railroad Steamship Line	356.4	45.0	24.8	New York....	Balboa.....	Coal.....	3,644	4,503	2,764
Jason.....	3	7.10	5	8.17	5	15.44	5	20.47	Dutch.....	Royal Netherlands W. I. Mail..	345.0	48.0	19.7	Rotterdam...	Valparaiso...	General.....	3,600	4,321	3,120
Pulaski.....	4	9.13	5	12.00	5	18.07	5	19.05	American...	Caribbean S. S. Co. (S. B.)....	251.0	43.6	14.5	New York....	Guayaquil....	General.....	720	2,823	1,744
Indian City....	5	8.51	5	12.00	5	19.16	5	20.10	British....	W. R. Smith & Sons.....	411.7	54.5	15.0	Rotterdam...	San Francisco.	Ballast.....	6,512	4,665	
Borneo Maru..	5	15.15	6	6.25	6	15.00	6	16.05	Japanese....	Osaka Shosen Kaisha.....	365.0	51.0	22.0	Galveston....	Yokohama....	General.....	3,424	5,919	4,400
Cleveland ¹	6	3.05	6	6.30	6	14.05			American...	United States Navy.....	320.0	40.0	17.0	Puerto Cabello	Balboa.....				
Ethelstan.....	6	7.00	6	7.35	6	17.40	6	18.50	British....	Rhondda Merthyn & Co.....	340.0	47.0	23.6	Baltimore....	Valparaiso...	Coal.....	5,115	4,310	3,217
Pacific.....	6	6.50	6	12.00	6	20.26	6	21.45	Norwegian..	Vilhelm Torkildsen.....	399.7	56.0	26.8	Norfolk.....	Meiillones...	Coal.....	7,816	6,479	4,709
Orient.....	6	16.50	7	6.35	7	14.04	8	19.18	American...	Oriental Navigation Co.....	376.4	52.3	25.0	Norfolk.....	Valparaiso...	Coal.....	5,728	5,455	3,879
Annam ²	7	9.05	7	12.35	7	19.10	8	1.00	Danish....	East Asiatic Steamship Co....	410.0	55.0	17.6	Copenhagen...	San Francisco.	General.....	3,476	7,067	5,318
Gen. W. C. Gorgas.....	3	21.25	7	13.35	7	20.22	7	21.18	American...	Panama Railroad Steamship Line	370.0	45.3	23.0	New York....	Guayaquil....	General.....	650	5,191	3,336
Rio Gatun ³ ...					7	19.15			Panaman...	A. R. Eckhardt.....				Monte Lirio...	Balboa.....		8	8	
Sorata.....	7	16.40	8	6.23	8	15.50	8	20.57	British....	Pacific Steam Navigation Co...	390.0	47.3	21.0	Hull.....	Coronel.....	General.....	3,078	4,782	3,336
Edward Pierce.....	7	13.40	8	6.32	8	16.30	8	17.35	American...	Crowell & Thurlow S. S. Co....	375.0	49.0	24.0	Norfolk.....	Arica.....	Coal.....	5,375	4,591	3,261
Santa Ana.....	7	21.30	8	6.52	8	15.45	8	16.28	American...	W. R. Grace & Co.....	360.2	51.6	23.2	New York....	Valparaiso...	General.....	2,211	5,842	4,150
Cambrian ¹	7	7.20	8	8.14	8	17.15	8	21.23	British....	British Government.....	446.0	41.0	16.1	Port Limon...	Balboa.....				
Cauca.....	1	22.23	8	9.50	8	20.00	8	21.04	British....	Pacific Steam Navigation Co...	246.0	35.0	15.0	Cristobal....	Guayaquil....	General.....	163	1,582	1,023
Renaico.....	7	6.32	8	10.12	8	20.16	8	21.15	Chilean....	South American Steamship Line.	412.0	50.5	27.5	New York....	Talcahuano...	General.....	2,300	6,050	3,442
R-24 ⁴			8	7.20	8	18.15			American...	United States Navy.....				Cristobal....	Balboa.....				
Caddo.....	9	6.45	9	7.25	9	15.29	9	19.26	American...	Standard Oil Co.....	414.0	55.0	28.0	Port Lobos...	Pisagua.....	Oil, crude.....	8,150	6,438	4,391
Karen Roganes.....	9	6.32	9	11.55	9	20.04	9	21.15	Norwegian..	Rogenes & Co.....	293.0	44.0	18.6	Baltimore....	Callao.....	Coal and coke...	3,146	2,666	1,643
Lancaster.....	9	20.25	10	6.30	10	14.48	10	15.55	American...	Green Star Steamship Corp....	434.3	57.7	29.0	Baltimore....	Japan.....	General.....	10,000		
Eurydamas....	9	22.05	10	6.48	10	15.58	10	17.00	British....	Blue Funnel Line.....	410.0	50.0	17.0	Glasgow.....	San Francisco.	General.....	950	5,718	4,189
Pomona.....	10	1.40	10	6.52	10	16.45	11	15.24	American...	United States Shipping Board..	440.0	56.0	17.0	London.....	San Pedro....	General.....	1,410	8,300	6,026
Stanley.....	10	6.35	10	7.35	10	17.39	11	7.27	American...	Barber Steamship Co. (S. B.)...	401.7	54.8	26.11	Norfolk.....	Cavite.....	Coal and coke...	8,395	6,933	5,187
Salvador.....	4	14.00	10	7.55	10	17.36	10	18.58	British....	Pacific Steam Navigation Co...	215.0	33.5	15.6	Cristobal....	Champerico...	General.....	974	1,213	692
Mantaro.....	3	15.25	10	11.15	10	19.25	11	1.00	Peruvian...	Peruvian Line.....	367.3	48.0	19.8	Cristobal....	Callao.....	General.....	813	4,838	2,959
Trevalgan....	10	12.50	10	13.25	10	21.53	10	22.45	British....	Ed. Hain & Son.....	362.0	51.0	22.0	Montreal....	Auckland....	General.....	7,583		
Stephen R. Jones.....	10	6.05	10	13.30	10	21.30	10	23.30	American...	Crowell & Thurlow S. S. Co....	354.0	49.0	26.0	Norfolk.....	Valparaiso...	Coal.....	5,697	4,627	3,277
Ballena.....	10	12.24	11	6.09	11	14.53	11	15.55	British....	Pacific Steam Navigation Co...	412.0	52.0	21.0	Hull.....	Coronel.....	General.....	3,269	5,816	4,113
Lewis K. Thurlow....	10	14.08	11	6.17	11	13.53	11	15.00	American...	Crowell & Thurlow S. S. Co....	313.5	46.1	22.11	Philadelphia..	Valparaiso...	Coal.....	4,002	3,441	2,444

¹ Cruiser.

² Motor ship.

³ Launch.

⁴ Submarine.

Cathlamet...	10	19.50	11	6.25	11	16.12	11	22.30	American...	U. S. and Australian Line.....	410.6	54.0	25.3	New York....	Auckland.....	Case oil, general.	6,545	6,755	4,883
Sylvan Arrow	10	17.35	11	6.27	11	17.48	11	18.47	American...	Standard Oil Co.....	467.6	62.7	26.6	Beaumont....	Orient ports..	Oil.....	11,512	9,931	7,095
Lompoc.....	10	17.45	11	6.30	11	16.51	11	23.45	British.....	C. T. Bowring & Co.....	435.3	55.8	27.0	Tampico.....	Antofagasta...	Fuel oil.....	9,500	7,488	5,342
Mexican.....	11	6.22	11	8.34	11	19.26	11	20.35	American...	American-Hawaiian Line.....	472.0	57.0	22.0	New York....	Los Angeles...	General.....	4,286	9,184	6,821
Sagama River	11	8.30	11	9.35	11	20.50	11	22.02	British.....	Houlder Brothers.....	385.0	52.0	17.0	Norfolk.....	Callao.....	Ballast.....	.....	5,237	3,837
Finchley.....	11	7.03	11	9.55	11	20.46	11	21.50	British.....	Watts, Watts & Co.....	330.0	43.0	22.6	Norfolk.....	Iquique.....	Briquettes.....	4,016	3,453	2,422
Ascutney.....	11	8.33	11	10.46	11	21.40	12	7.48	American...	Atlantic Adriatic Corp. (S. B.)..	389.0	46.0	26.0	Baltimore....	Valparaiso....	Coal.....	5,842	.....	.....
Paparoa.....	11	6.15	11	12.48	11	22.40	11	23.45	British.....	New Zealand Shipping Co.....	430.0	54.0	24.0	London.....	Wellington....	General.....	3,118	8,174	6,092
City of Sher- man.....	11	12.33	11	13.00	11	23.30	11	12.30	American...	Hasler & Co. (S. B.).....	401.0	54.0	26.0	Norfolk.....	Iquique.....	Coal.....	7,723	6,530	4,708

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Honolulu																			
Maru.....	4	21.55	5	7.54	5	15.30	5	18.25	Japanese....	Osaka Shosen Kaisha.....	407.2	50.8	24.0	Manila.....	New York....	Sugar and general	6,422	.....	.....
Gen. H. F.																			
Hodges.....	9-16	14.10	5	11.05	5	17.58	.....	.....	American...	Panama Railroad Steamship Line	323.5	39.0	.....	Balboa.....	Cristobal.....	.....	.....	.....	.....
Franklin K.																			
Lane.....	5	22.35	6	8.00	6	14.40	6	14.45	American...	Panama Pet. and Transp. Co....	436.0	56.0	19.8	San Francisco.	Tampico.....	Ballast.....	.....	.....	.....
Sebaras.....																			
Ancon.....	6	10.30	6	12.20	6	20.05	7	1.15	American...	United States Government.....	489.5	58.0	30.0	Antofagasta...	New Orleans..	Nitrates.....	11,000	10,157	7,689
Lehigh.....	5	8.50	7	13.50	7	20.50	7	20.50	American...	N. Atl. & West'n S. S. Co. (S. B.)	390.0	54.2	24.0	San Francisco.	Boston.....	Lumber, general.	4,838	6,106	4,346
Derbyline....	5	8.15	7	14.44	7	21.50	7	21.50	American...	Struthers & Dixon (S. B.).....	435.0	56.0	.....	San Pedro....	Tecomate.....	Ballast.....	.....	.....	.....
Knut Ham- sun.....	7	15.30	8	6.33	8	14.35	8	16.55	Norwegian..	Olaf Orvig.....	310.0	44.0	17.5	Callao.....	New York....	(⁶)	3,196	2,972	2,086
Pleiades.....	7	22.40	8	7.36	8	14.49	8	20.47	American...	Luckenbach Line.....	331.5	47.0	21.0	San Francisco.	New York....	General.....	4,000	4,147	3,259
Standard																			
Arrow.....	7	20.30	8	7.52	8	15.30	8	15.50	American...	Standard Transportation Co....	467.6	62.7	20.0	San Francisco.	Beaumont....	Ballast.....	.....	9,931	7,019
Santa Luisa..	8	4.30	8	8.32	8	16.15	8	16.28	American...	W. R. Grace & Co.....	360.2	51.6	24.2	Valparaiso....	New York....	General.....	4,200	5,694	3,975
Balboa.....	8	6.33	8	9.36	8	16.50	.....	.....	American...	Colombian Maritime Co.....	190.0	29.1	13.6	Buenaventura.	Cristobal.....	General.....	486	741	350
Port Curtis..	8	12.10	8	9.45	8	18.25	8	19.55	British.....	Commonwealth and Dom. Line..	450.4	58.4	24.0	Sydney.....	London.....	Frozen, general..	6,200	6,031	.....
Bradford....	7	16.45	8	13.54	8	21.32	9	14.05	American...	Standard Oil Co.....	426.9	54.6	20.0	San Francisco.	Tampico.....	Ballast.....	.....	7,318	5,458
National																			
Bridge.....	8	13.15	8	14.50	8	23.08	9	2.47	American...	Wessel Duval (S. B.).....	324.0	46.2	23.2	Antofagasta...	Wilmington...	Nitrates.....	4,770	3,959	2,649
Huanchaco..	8	14.10	9	6.33	9	14.30	9	17.35	British.....	Pacific Steam Navigation Co....	390.6	50.2	24.6	Port Stanley..	Liverpool.....	(⁷)	5,439	.....	.....
Newport.....	8	8.40	9	6.55	9	16.03	.....	.....	American...	Pacific Mail Steamship Co.....	326.0	38.0	14.0	San Francisco.	Cristobal.....	General.....	43	3,173	2,163
San Joaquin.	5	20.00	9	6.38	9	15.20	9	15.20	Norwegian..	W. Wilhelmsens.....	425.4	57.1	19.0	Tocopilla....	Tampico.....	Ballast.....	.....	7,059	5,075
Rio Gatun ³ ..	7	.....	9	7.30	.....	.....	.....	.....	Panaman...	A. R. Eckhardt.....	31.4	8.0	.....	Balboa.....	Gatun Lake..	.....	.....	.....	.....
Cordelia.....	9	7.10	9	9.10	9	16.25	9	21.55	British.....	C. T. Bowring.....	420.3	54.6	19.6	Antofagasta...	Tampico.....	Ballast.....	.....	6,690	4,963
Corinthic....	9	15.20	10	6.32	10	13.52	10	13.52	British.....	White Star Line.....	500.0	63.0	26.3	Auckland.....	London.....	General.....	4,955	12,792	9,506
Fargo.....	9	15.00	10	6.39	10	17.02	10	17.02	American...	Paragon Shipping Co. (S. B.)....	251.0	43.5	25.0	Valparaiso....	New York....	Nitrate of soda..	3,210	2,857	1,783
Quillota.....	10	5.15	10	8.48	10	17.20	11	13.06	British.....	Pacific Steam Navigation Co....	361.4	46.2	16.1	Guayaquil....	New York....	General.....	561	4,768	2,987
Pionier.....	9	23.30	10	8.49	10	18.15	11	10.25	Belgian.....	Lloyd Royal Belge.....	400.0	52.2	25.0	Iquique.....	Antwerp.....	Nitrates.....	7,000	.....	.....
Elkton.....	10	7.10	10	9.29	10	18.34	10	21.20	American...	Pacific Steamship Co. (S. B.)....	402.6	54.8	28.0	Tacoma.....	Dublin.....	Wheat.....	7,169	.....	.....
Helder.....	10	12.45	10	13.51	10	22.50	11	15.27	Dutch.....	Royal Netherland Steamship Co.	361.4	49.8	21.6	Taltal.....	Bilbao.....	Nitrates.....	5,316	.....	.....
Haleakala....	9	12.40	10	14.28	10	22.10	10	22.10	American...	Sudden & Christensen (S. B.)....	410.5	54.3	23.6	Portland.....	W. Hartlepool.	Lumber.....	7,842	.....	.....
Myrmidon....	11	12.30	11	13.25	11	22.05	12	6.34	British.....	Alfred Holt & Co.....	391.5	49.2	25.0	San Francisco.	Liverpool.....	(⁸)	5,589	.....	.....

³ Reported in last week's issue.

⁶ Sugar, cotton, and minerals.

⁷ Copper, nitrate, etc.

⁸ Salmon, wheat, and lumber.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

(Continued on page 260, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight December 18, 1920.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived. at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Sag Harbor	11	20.19	12	6.05	12	16.12	12	17.36	American	Tracy Steamship Co. (S. B.)	264.0	42.2	22.6	Charleston	Acajutla	Coal	3,124	2,504	1,701
Pansa	12	3.37	12	6.46	12	15.26	12	16.02	American	Sudden & Christensen (S. B.)	380.2	53.1	23.7	Sabine	Los Angeles	Coal, sulphur	6,074	5,659	4,034
Cornwall	12	2.18	12	7.10	12	16.57	12	18.13	British	Federal Steam Navigation Co.	495.1	63.0	32.3	New York	Auckland	General	9,749	11,766	7,876
Duendes	11	18.55	12	7.51	12	18.16	12	19.50	British	Pacific Steam Navigation Co.	390.0	50.0	25.6	Liverpool	Valparaiso	General	3,975	6,014	4,494
De Soto	12	7.50	12	8.50	12	19.06	12	19.23	American	Standard Oil Co.	418.0	53.2	30.0	Tampico	Balboa	Crude oil	7,500	7,149	4,527
Lowther Castle	12	6.16	12	12.00	12	20.25	12	21.19	British	James Chambers & Co.	412.0	52.0	24.11	New York	Yokohama	General	6,657	5,768	4,367
Waiotapu	12	8.28	12	12.35	12	21.15	13	23.08	British	Union Steamship Co.	450.0	58.0	25.2	Newport News	Auckland	General	7,500		
Putney	12	17.38	13	6.19	13	17.11	13	18.18	British	Watts, Watts & Co.	340.0	45.0	21.6	Baltimore	San Antonio	Coke	3,720	3,504	2,576
Frederick ¹	12	12.23	13	6.15	13	18.18			American	United States Navy	502.0	69.0	27.2	Norfolk	Balboa ³				
Henry T. Scott	12	23.48	13	7.16	13	18.25	14	12.30	American	Fred Linderman & Co.	234.5	42.7	19.0	New York	San Francisco	Steel	2,223	1,814	951
Mosella	13	3.54	13	6.55	13	17.22	13	18.18	American	McCormick & McPherson (S. B.)	402.6	53.0	26.0	Norfolk	San Diego	Coal	8,025	6,580	4,894
Portuguese Prince	13	6.14	13	8.07	13	19.45	13	20.35	British	Furness Withy S. S. Co.	410.0	53.3	25.0	Philadelphia	Shanghai	General	5,290	6,492	4,771
Clyde Maru	13	7.17	13	8.12	13	21.05	13	22.30	Japanese	Kokusai Kisen Kabushiki Kaisha	400.0	53.0	26.0	Newport News	Valparaiso	Coal	6,711	5,868	4,324
Elanchove	13	8.58	13	10.00	13	19.42	13	22.12	Spanish	Elanchove Maritime Co.	322.0	41.5	13.0	Avilles	Taltal	Ballast		3,020	2,214
Ansaldo San Giorgio I	12	20.45	13	11.02	13	21.10	15	11.27	Italian	Soc. Nazionale di Nav.	350.0	45.0	13.9	Genoa	Valparaiso	General	700	5,864	4,266
West Cayote	14	6.22	14	7.12	14	14.50	14	20.18	American	Williams, Dimond & Co. (S. B.)	410.0	54.0	18.0	Immingham	Vancouver	General	1,582	6,567	4,899
Bartolo	14	6.37	14	12.45	14	19.55	14	20.50	Spanish	Astigarraga Sons	324.0	46.1	21.6	Norfolk	Coquimbo	Coal	4,318	3,347	2,426
Maimoa	14	20.43	15	6.24	15	16.47	15	17.53	British	Shaw, Saville & Albion Co.	478.0	63.0	30.0	New York	Lyttleton	General	6,747	11,053	7,895
Oak Branch	14	7.42	15	6.32	15	14.47	15	16.05	British	F. & W. Ritson	385.0	48.9	18.3	Liverpool	Coronel	General	3,537	5,209	4,031
Nero ²	14	12.18	15	6.37	15	15.46	15	20.10	American	United States Navy	320.0	41.0	20.5	Hampton R'ds	San Francisco	Navy supplies	1,640		
Newport	9	16.03	16	6.16	16	13.06	16	19.10	American	Pacific Mail Steamship Co.	326.0	38.2	17.0	Cristobal	San Francisco	General	1,300	3,173	2,163
Waikouaiti	15	13.59	16	6.28	16	14.10	16	15.20	British	Union Steamship Co.	362.0	50.0	24.0	Liverpool	Auckland	General	4,500		
Begona I	15	18.04	16	6.33	16	15.58	17	7.56	Spanish	Jose Mario de Urquijo	330.0	48.0	23.0	Norfolk	Iquique	Coal	4,709	3,795	2,793
S. V. Harkness	15	19.30	16	6.35	16	16.10	16	20.12	American	Standard Oil Co.	435.6	57.2	27.6	Tampico	Pisagua	Crude oil	8,608	7,443	5,545
Maricopa	15	17.17	16	6.45	16	17.05	16	18.09	Norwegian	W. Wilhelmsen	425.0	54.0	27.0	Tampico	Tocopilla	Crude oil	9,500	6,996	5,118
Yalza	16	5.35	16	8.17	16	17.48	16	18.48	American	North Atl. & Western Co. (S. B.)	400.7	54.2	20.0	Portland	Los Angeles	General	4,540	6,529	4,737
Aysen	14	16.57	16	13.32	16	20.10	16	21.04	Chilean	South American Steamship Line	379.6	44.3	21.6	Cristobal	Valparaiso	General	86	4,535	3,068
Urubamba	13	15.22	17	6.16	17	13.25	17	17.48	Peruvian	Peruvian Line	381.2	41.1	18.0	Cristobal	Callao	General	385	4,803	2,951
Transvaal	17	10.10	17	11.44	17	19.04	17	21.45	Danish	Orient Steamship Co.	349.0	49.7	25.6	Norfolk	Mejillones	Coal	6,250	4,853	3,476
Grelcaldy	17	7.33	17	12.05	17	20.12	19	20.16	British	Gould Steamship Co.	380.0	50.0	23.0	New York	Yokohama	General	6,080	5,296	3,935
Duquesne	17	18.50	18	6.05	18	15.30	18	16.35	American	Barber Steamship Co. (S. B.)	395.5	55.0	27.3	New York	Manila	Steel and gen.	8,500	7,285	5,346
Quilpue	16	6.35	18	6.10	18	13.40	18	16.07	British	Pacific Steam Navigation Co.	350.0	46.0	19.0	New York	Guayaquil	General	600		
Maudie	17	13.48	18	6.25	18	17.38	18	18.40	Norwegian	Bugge	385.1	52.0	24.2	Christiania	Valparaiso	Coal, general	6,075	5,178	3,649
Crisfield	17	12.05	18	6.30	18	18.45	19	16.45	American	American Metal Transport (S.B.)	415.0	54.0	27.0	Norfolk	Antofagasta	Coal	8,514	6,932	5,100
Lake Ellijay	17	22.45	18	7.28	18	17.22	18	17.38	American	N. O. & S. A. S. S. Line (S. B.)	253.0	44.0	15.0	New Orleans	Valparaiso	General	3,125	2,920	1,973
Santa Barbara	18	6.15	18	11.10	18	19.25	18	20.25	American	W. R. Grace & Co.	404.0	53.0	26.0	New York	Valparaiso	General	6,655	6,789	4,746
Bratsberg	18	11.02	18	11.43	18	20.42	19	18.30	Norwegian	Burgstad Co.	345.0	49.0	25.5	Baltimore	Antofagasta	Coke, coal, iron	5,131		
Urko Mendi	18	11.10	18	11.55	18	21.00	18	21.45	Spanish	Sota & Azner	330.0	45.0	23.6	Newport News	Antofagasta	Coal	4,700		

¹ Cruiser.

² Collier.

³ For orders.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

West Camak...	10	7.44	12	6.40	12	14.11	12	14.11	American...	E. C. Evans & Sons (S. B.)....	410.5	54.0	25.0	Portland.....	Liverpool.....	(4)	4,605	6,622	4,880
Inca.....	11	23.20	12	8.20	12	16.13	12	17.35	British.....	Pacific Steam Navigation Co....	360.6	43.2	23.0	Iquique.....	Calais.....	Nitrate of soda..	3,711	3,952	2,742
West Inskip...	12	9.35	12	10.35	12	18.04	12	18.04	American...	Luckenbach Line (S. B.).....	410.5	54.3	25.0	Grays Harbor..	Boston.....	Lumber, general..	7,263	.....	.....
Hawaiian.....	12	10.40	12	11.37	12	20.50	12	20.55	American...	American-Hawaiian Line.....	406.8	51.1	23.0	Tacoma.....	Boston.....	Lumber, general..	2,754	5,903	4,193
Elmpark.....	12	23.30	13	7.35	13	14.55	13	16.40	British.....	J. & J. Denholm.....	409.2	53.5	26.6	Iquique.....	Charleston...	Nitrate.....	8,120	.....	.....
Urubamba.....	13	6.28	13	8.10	13	15.22	17	6.16	Peruvian...	Peruvian Steamship Co.....	381.2	46.1	17.6	Callao.....	Cristobal....	General.....	1,438	4,803	2,951
Felix Taussig...	13	6.00	13	8.55	13	17.22	13	18.50	American...	Crowell & Thurlow.....	395.0	55.1	28.0	Iquique.....	Charleston...	Nitrates.....	9,200	6,520	4,772
Alvarado.....	12	14.30	13	9.28	13	20.40	14	6.25	American...	Swayne & Hoyt.....	245.0	41.5	16.0	San Francisco..	Habana.....	General.....	2,213	2,122	1,504
Orcoma.....	13	6.10	13	9.30	13	18.40	14	12.58	British.....	Pacific Steam Navigation Co....	511.6	62.2	27.3	Coronel.....	Liverpool....	General.....	5,589	12,267	7,942
D. G. Schofield.	13	6.30	13	10.30	13	20.00	14	6.20	American...	Standard Oil Co.....	439.5	58.0	31.0	San Francisco..	London.....	Lubricating oil..	11,000	8,912	6,254
Arzila.....	13	12.10	13	12.53	13	21.28	20	7.00	British.....	Royal Mail Steam Packet Co...	285.0	41.3	15.3	Champerico...	Cristobal....	General.....	410	2,856	1,797
Mineric.....	13	14.10	14	6.36	14	14.13	14	15.24	British.....	Andrew Weir & Co.....	405.0	52.0	25.6	Mejillones....	Norfolk.....	Nitrates.....	7,724	6,139	4,698
Delft.....	13	13.10	14	6.39	14	15.05	14	17.53	Dutch.....	Royal Netherland Steamship Co.	370.0	50.0	26.0	Caleta Buena..	Azores ³	Nitrates.....	6,700	5,862	4,393
De Soto.....	12	19.06	14	7.19	14	15.25	14	19.45	American...	Standard Oil Co.....	419.0	53.2	.....	Balboa.....	Tampico.....	Ballast.....	.....	7,149	4,527
Elveric.....	14	6.00	14	8.07	14	16.35	14	19.00	British.....	Andrew Weir & Co.....	399.6	53.0	26.0	Taltal.....	Falmouth ³ ...	Nitrates.....	7,550	6,270	4,481
Aysen.....	14	0.30	14	8.36	14	16.57	16	13.32	Chilean....	South American Steamship Co..	379.6	44.3	19.0	Talcahuano...	Cristobal....	General.....	9	4,535	3,068
Peter H.																			
Crowell.....	14	11.25	14	12.35	14	20.10	14	22.25	American...	Crowell & Thurlow.....	313.5	46.1	20.6	Paita.....	New York....	Sugar.....	3,900	3,351	2,318
La Habra.....	14	19.10	15	7.26	15	14.35	15	16.33	Norwegian..	W. Wilhelmsen.....	424.8	57.0	18.6	Pisagua.....	Tampico.....	Ballast.....	.....	7,053	5,085
Saint Andre...	15	1.00	15	8.00	15	17.05	16	12.30	French.....	Cia. Generale Transatlantique..	397.9	50.3	24.6	Talcahuano...	Bordeaux....	(5)	6,845	5,917	4,146
Acajutla.....	15	5.00	15	8.52	15	15.40	18	6.15	British.....	Pacific Steam Navigation Co....	215.7	33.5	12.9	Buenaventura..	Cristobal....	(6)	301	1,273	706
Mineola.....	15	7.30	15	9.10	15	16.25	16	2.45	American...	W. R. Grace & Co.....	298.6	40.0	17.6	Eten.....	Norfolk.....	General.....	2,000	2,835	1,822
Orduna.....	15	8.15	15	9.27	15	17.50	16	12.52	British.....	Pacific Steam Navigation Co....	550.3	67.3	30.6	Liverpool.....	Liverpool....	General.....	6,756½	17,163	11,905
Major Wheeler.	16	14.40	17	6.40	17	15.13	17	15.13	American...	Lind Navigation Corp. (S. B.)...	305.0	46.0	23.0	Caleta Colosa..	Baltimore....	Nitrates.....	4,500	3,641	2,214
Tamaha.....	16	20.00	17	7.37	17	15.35	17	16.58	British.....	Standard Transportation Co....	420.5	54.4	19.0	San Francisco..	Mata Redondo	Ballast.....	.....	6,673	4,689
Brave Coeur...	17	12.05	18	6.47	18	15.00	18	17.34	American...	Struthers & Dixon (S. B.).....	402.6	54.8	25.0	San Francisco..	London.....	Lumber.....	(8)	6,930	5,178
La Brea.....	17	20.30	18	7.32	18	15.20	18	16.29	American...	Union Oil Co.....	435.0	56.0	19.0	Antofagasta...	Tampico.....	Ballast.....	.....	7,224	4,971
Forst.....	17	22.30	18	8.07	18	16.20	.....	.....	British.....	George Dodd & Co.....	450.2	58.2	24.1	Portland.....	United King..	Wheat.....	7,640	7,606	5,200
Genoa Maru...	18	9.50	18	11.36	18	19.10	18	21.38	Japanese...	Nippon Yusen Kaisha.....	425.0	54.0	19.9	Shanghai.....	New York....	General mdse...	4,858	6,097	5,063
Manavi.....	18	12.05	18	12.45	18	20.04	.....	.....	British.....	Pacific Steam Navigation Co....	216.0	35.1	11.9	Guayaquil....	Cristobal....	(7)	323	1,357	884

⁴ Grain, lumber, and general.

⁵ Nitrate, beans, etc.

⁶ Coffee, cocoa, hides, etc.

⁷ Ecuadorian produce.

⁸ 4,289,014 feet B. M.

Hours are expressed on the 24 hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
Dec. 12.....	Tolosa.....	United Fruit Co.....	Port Limon.	Dec. 11.....	Conestoga.....	United States Navy.....	High seas.
Dec. 11.....	Tamar.....	Royal Mail Steam Packet Co....	Hamburg via wayports.	Dec. 12.....	Caribbean.....	Panama Railroad Cattle Industry.	Cartagena.
Dec. 10.....	Whippoorwill.....	United States Navy.....	High seas.	Dec. 12.....	Tolosa.....	United Fruit Co.....	New York via Habana.
Dec. 13.....	Parismina.....	United Fruit Co.....	New Orleans.	Dec. 12.....	Whippoorwill.....	United States Navy.....	High seas.
Dec. 14.....	Cristobal.....	Panama Railroad Steamship Line..	Norfolk.	Dec. 12.....	Crescent ⁹	H. A. Bodden.....	Colon.
Dec. 14.....	Calamares.....	United Fruit Co.....	New York via Habana.	Dec. 13.....	Tamar.....	Royal Mail Steam Packet Co....	Puerto Colombia.

⁹ Schooner.

(Continued on page 270, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight December 25, 1920.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived. at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Stanley Dollar.	18	16.02	19	6.24	19	13.59	19	14.55	American...	Robert Dollar Line.....	288.8	44.6	21.5	Baltimore....	San Francisco.	General.....	3,068	3,460	2,404
H. H. Asquith.	18	15.48	19	8.30	19	15.52	19	16.52	British.....	Williams & Mordy.....	390.0	52.5	26.3	Philadelphia..	Valparaiso....	Coal.....	6,951	5,692	3,819
Orient City....	19	14.46	20	6.15	20	13.38	20	15.45	British.....	W. R. Smith & Sons.....	408.0	53.6	15.6	Hull.....	Portland.....	Ballast.....	.....	5,682	4,229
Steel Inventor..	19	15.40	20	6.20	20	14.44	20	15.35	American...	U. S. Steel Products Co.....	441.0	56.0	26.8	New York....	Los Angeles...	General.....	7,250	7,539	5,448
Arzila.....	13	21.25	20	7.00	20	14.45	20	16.52	British.....	Royal Mail Steam Packet Co...	285.0	41.3	18.3	Cristobal....	Champerico...	General.....	710	2,856	1,797
India Maru....	20	6.45	20	7.20	20	15.42	20	16.33	Japanese...	Kawaski Steamship Co.....	385.0	51.0	26.9	Baltimore....	Valparaiso....	Coal.....	7,453	5,928	4,381
Simpson No. 221 ¹	18	10.03	20	11.15	20	16.50	22	15.45	American...	United States Navy.....	310.0	31.8	11.0	Santiago.....	San Diego.....	.....	.....	.....	.....
Conestoga ²	15	13.42	21	6.15	21	14.04	21	15.25	American...	United States Navy.....	141.0	29.1	14.6	High seas....	San Diego....	Coal.....	52	.....	.....
America ³	21	.....	21	7.05	21	8.09	.....	.....	American...	J. H. Stilson.....	.....	.....	.....	Colon.....	Gatun Lake...	Ballast.....	.....	7	6
Santa Elisa....	21	22.45	22	9.48	22	17.25	22	19.30	American...	W. R. Grace & Co.....	360.3	51.7	25.0	New York....	Valparaiso....	General.....	3,419	5,957	4,325
Advance.....	19	14.00	22	11.10	22	18.50	23	11.45	American...	Panama Railroad Steamship Line	295.9	38.4	15.0	New York....	Guayaquil....	General.....	437	2,947	2,113
Rio Gatun ³	20	13.59	22	.....	22	11.50	.....	.....	Panaman...	A. R. Echardt.....	.....	.....	.....	Cristobal....	Gatun Lake...	Unknown.....	.....	8	8
Haarlem.....	21	15.45	23	6.07	23	13.40	23	21.45	Dutch.....	Royal Netherlands W. I. Mail..	361.0	49.0	17.0	Rotterdam...	Corral.....	General.....	2,424	4,759	3,660
Hampstead	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Heath.....	22	20.00	23	6.25	23	15.00	23	17.00	British.....	Steam Navigation Co. of Canada	450.0	52.5	27.0	Norfolk.....	Valparaiso....	Coal.....	7,034	6,729	4,828
Julia Lucken- bach.....	23	7.00	23	7.40	23	15.34	23	16.30	American...	Luckenbach Line.....	436.5	57.0	30.6	New York....	San Francisco.	Steel, general...	8,660	8,543	6,427
Chancellor....	22	8.55	23	8.30	23	16.13	25	10.50	British.....	Harrison Line.....	385.0	52.0	14.0	Liverpool....	San Francisco.	Ballast.....	.....	5,370	3,789
Kentucky.....	23	12.15	23	11.15	23	18.20	23	19.20	British.....	Ellerman & Bucknall S. S. Co...	464.0	56.6	27.6	New Orleans..	Dalny.....	Cotton, steel, etc	9,370	7,825	5,921
Wabana.....	23	17.27	24	6.22	24	14.04	24	18.32	British.....	British Chilean Steamship Co...	375.0	52.0	25.4	Baltimore....	Valparaiso....	Coal.....	.....	5,257	3,374
Bradford.....	23	20.00	24	6.50	24	15.40	25	8.15	American...	Standard Oil Co.....	428.0	54.6	27.4	Tampico.....	Pisagua.....	Crude oil.....	8,000	7,318	5,458
Minnequa.....	24	6.00	24	7.40	24	17.21	24	19.45	American...	Wessel Duval & Co (S. B.).....	390.0	54.2	21.8	New York....	Talcahuano...	General.....	4,115	6,106	4,355
Kureha Maru..	24	7.15	24	8.27	24	18.12	24	19.30	Japanese...	Tatsuma Kisen Kabushiki Kaisha	400.0	53.0	24.8	New York....	Korea.....	Oil and autos...	6,951	5,848	4,266
Manavi.....	18	20.04	24	7.58	24	16.30	24	17.40	British.....	Pacific Steam Navigation Co....	216.0	35.0	12.2	Cristobal....	Guayaquil....	General.....	268	1,357	884
Daybreak.....	23	19.45	24	10.00	24	17.35	24	18.40	British.....	Claymore Shipping Co.....	331.0	46.8	19.6	Puerto Mexico	Iquique.....	Gasoline, etc...	3,420	3,688	2,437
Rosana.....	22	21.12	24	11.17	24	18.17	.....	.....	Costa Rican	Alberto Fait & Co.....	112.0	25.0	6.0	Cristobal....	Puntarenas...	General.....	18	256	185
Pakeha.....	24	8.33	25	6.10	25	13.24	25	14.35	British.....	Shaw, Savill & Albion Co.....	480.0	62.9	23.0	London.....	Lyttleton....	General.....	2,450	.....	.....
Grace Dollar..	24	6.26	25	6.20	25	14.10	25	15.30	British.....	Dollar Line.....	411.6	55.0	21.8	New York....	Vancouver....	General.....	5,329	7,118	5,192
San Joaquin....	25	2.22	25	6.45	25	16.54	25	17.50	Norwegian..	W. Wilhelmsen.....	425.0	57.6	27.0	Tampico.....	Taltal.....	Crude oil.....	9,300	7,059	5,076
Bellbuckle....	24	21.35	25	7.00	25	15.52	26	9.58	American...	U. S. and A. Line (S. B.).....	395.0	55.0	27.0	New York....	Wellington...	General.....	7,600	.....	.....
Borgland.....	25	4.25	25	7.40	25	17.58	26	18.50	Norwegian..	Peter Olsen.....	377.0	51.0	26.0	Christiania...	San Francisco.	Sand and general	7,430	5,274	3,886
Ohioan.....	25	5.46	25	9.00	25	17.47	25	18.41	American...	American-Hawaiian Line.....	407.7	53.7	26.0	New York....	Portland.....	General.....	6,000	.....	.....

¹ Destroyer.² Tug and barge No. 468.³ Launch.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

D. A. D. G. 76.	19	0.30	19	7.38	19	14.46	20	2.05	British.....	Glen Line Ltd.....	480.0	58.2	25.5	Portland.....	Antwerp.....	Wheat in sacks..	8,037	8,039	5,640
Ucayali.....	19	7.00	19	8.55	19	16.05	.....	.....	Peruvian...	Peruvian Line.....	374.7	46.3	21.6	Callao.....	Cristobal....	General.....	1,642	4,466	2,405
Rio Grande....	19	8.53	19	9.27	19	17.55	19	19.35	Norwegian..	Det. Nordenfjeldske S. S. Co...	360.3	52.1	24.5	Caleta Colosa.	Savannah....	Nitrates.....	6,500	5,137	3,767
Shropshire....	19	15.45	20	6.35	20	15.02	20	20.15	British.....	Federal Steam Navigation Co...	526.4	61.4	28.0	Sydney.....	Liverpool....	Frozen, general..	7,840	12,275	8,918
Mamari.....	20	5.00	20	8.08	20	16.10	20	18.55	British.....	Shaw, Savill & Albion Co.....	455.4	56.4	24.0	Port Chalmers	London.....	Frozen, general..	4,466	8,641	6,017
Lake Maurepas.	20	1.15	20	8.32	20	17.10	21	6.48	American...	Wessel Duval & Co. (S. B.).....	253.5	43.5	18.6	Mejillones....	Savannah....	Nitrates.....	2,660	2,383	1,517

Aviles.....	20	19.00	21	7.30	21	14.55	21	17.38	Spanish.....	Cia. Gen'l. de Nav. de Bilb.....	370.0	41.2	23.0	Mejillones....	Bilbao.....	Nitrates.....	4,010	3,731	2,581
Karama.....	20	22.00	21	7.53	21	16.10	21	23.47	British.....	Shaw, Savill & Albion Co.....	420.0	54.0	20.6	Wellington....	London.....	General.....	3,890	7,106	5,073
Sisak.....	21	9.50	21	11.40	21	23.30	.....	.....	German.....	Kosmos Line.....	400.0	52.1	21.1	Caleta Buena..	Cristobal ⁷	Nitrates.....	5,315	.....	.....
St. Enoder ⁴ ...	21	9.50	21	11.53	21	18.18	.....	.....	British.....	British Admiralty.....	135.0	29.1	14.0	Caleta Buena..	Cristobal ⁷	Ballast.....	.....	438	114
Laura C. Hall ⁵	21	7.15	21	12.30	21	19.55	26	8.02	British.....	Pacific Metals Corp.....	81.0	25.6	10.0	Buenaventura..	Cristobal.....	(⁸)	37	130	69
Faith ³.....	.....	.....	21	.....	21	.....	.....	.....	American.....	A. E. Snider.....	.....	.....	.....	Balboa.....	Gatun Lake....	(⁹)	.....	.....	.....
Sherman.....	21	19.20	22	6.29	22	14.40	22	15.10	American...	Sherman Steamship Co.....	400.3	45.3	26.0	San Antonio....	Norfolk.....	(⁹)	6,257	5,007	3,492
Coalinga.....	21	18.30	22	7.40	22	15.07	22	20.15	American...	Union Oil Co.....	471.0	55.0	22.0	Tocopilla.....	Tampico.....	Ballast.....	.....	8,108	5,877
Santa Teresa...	22	3.30	22	8.31	22	15.30	22	16.13	American...	W. R. Grace & Co.....	360.2	51.6	24.0	Valparaiso....	New York....	Nitrate, general.	2,950	5,726	4,086
Peru.....	22	0.35	22	9.44	22	16.52	.....	.....	British.....	Pacific Steam Navigation Co...	350.0	43.1	15.5	Valparaiso....	Cristobal.....	General.....	532	4,095	2,655
Wollowra.....	22	6.00	22	9.45	22	17.25	23	16.50	Chinese.....	Chin Van Chee.....	323.0	40.3	19.0	Hongkong.....	Habana.....	Rice.....	500	.....	.....
Bachi.....	22	10.35	22	11.58	22	19.48	22	21.50	Spanish.....	Hijos de Astigarraga.....	331.2	46.7	21.0	Caleta Colosa..	Azores ⁷	Nitrates.....	4,621	3,740	2,121
Rosana ⁶	21	23.00	22	12.27	22	21.12	24	11.17	Costa Rican.	Alberto Fait.....	112.0	25.0	7.0	Puntarenas...	Cristobal.....	Logs and wood..	159	256	185
Naneric.....	22	10.35	22	12.20	22	21.25	23	1.15	British.....	Andrew Weir & Co.....	430.6	49.0	26.6	Mejillones....	Ghent.....	Nitrates.....	7,500	6,369	4,937
Auldmuir.....	22	13.25	22	14.35	22	22.35	23	8.50	British.....	Glen Steamship Co. of Glasgow.	314.5	47.2	16.7	San Antonio....	Baltimore....	Copper.....	3,046	.....	.....
Tymeric.....	23	2.00	23	8.15	23	15.50	23	17.58	British.....	Andrew Weir & Co.....	400.1	52.3	25.0	Antofagasta...	Dunkirk.....	Nitrates.....	7,216	6,111	4,562
Apple Branch..	23	21.00	24	7.53	24	15.20	24	18.50	British.....	Nautilus Steam Shipping Co....	370.0	51.7	24.0	Talcahuano....	United King..	General.....	5,900	5,112	3,511
Cuba.....	23	21.30	24	9.44	24	16.20	25	12.17	American...	Pacific Mail Steamship Co.....	307.7	42.3	.....	San Francisco..	Baltimore....	General.....	878	3,429	2,206
Cauca.....	24	10.15	24	10.54	24	17.32	.....	.....	British.....	Pacific Steam Navigation Co....	246.0	35.2	12.6	Guayaquil.....	Cristobal.....	(¹⁰)	446	1,185	1,023
Endicott.....	24	13.15	24	14.02	24	21.55	24	22.55	American...	Admiral Line (S. B.).....	402.6	54.8	27.0	Tacoma.....	United King..	Wheat.....	7,481	.....	.....
Eastern	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mariner.....	19	4.52	25	6.43	25	14.35	25	14.35	American...	Thorndyke, Trenholme & Co., S.B	415.1	55.7	27.3	Tacoma.....	Antwerp.....	Wheat.....	7,699	.....	.....
Eagle.....	24	17.30	25	7.25	25	14.42	25	14.42	American...	Standard Transportation Co....	410.0	56.0	18.0	San Francisco..	New York....	Ballast.....	.....	.....	.....
Gen. W. C.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gorgas.....	25	2.00	25	8.15	25	16.08	.....	.....	American...	Panama Railroad Steamship Line	370.2	45.3	20.6	Guayaquil.....	New York....	(¹¹)	1,296	5,034	3,411
Oregonian.....	25	10.30	25	11.14	25	18.24	25	18.24	American...	United American Line.....	406.8	51.1	24.6	Seattle.....	New York....	Lumber, general.	(¹²)	5,903	4,135

⁴Tug. ⁵Motor schooner. ⁶Motor ship. ⁷For orders. ⁸Platinum, coffee, and books. ⁹Copper, nitrates, and tin ore. ¹⁰Ivory nuts, coffee, and general. ¹¹Coffee, cocoa, and general.

¹²General, 801 tons; lumber, 3,262,002 feet B. M.

Hours are expressed on the 24 hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
December 19.	Calamares.....	United Fruit Co.....	Port Limon.	December 19.	Calamares.....	United Fruit Co.....	New York via Habana.
December 19.	Allianca.....	Panama Railroad Steamship Line..	New York via Haiti.	December 19.	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
December 19.	Achilles ¹³	Panama Railroad Steamship Line..	Norfolk.	December 19.	Manuel Calvo.....	Spanish Line.....	Puerto Colombia.
December 20.	Van Rensselaer.....	Royal Netherlands W. I. Mail.....	Amsterdam.	December 20.	Cambrai ¹⁵	United States Army.....	San Juan.
December 20.	Cartago.....	United Fruit Co.....	New Orleans.	December 21.	Van Rensselaer.....	Royal Netherlands W. I. Mail.....	Cartagena.
December 21.	Redwing ¹⁴	United States Navy.....	Norfolk.	December 22.	Allianca.....	Panama Railroad Steamship Line..	Cartagena.
December 21.	Pastores.....	United Fruit Co.....	New York via Habana.	December 22.	Pastores.....	United Fruit Co.....	Port Limon.
December 22.	Ajax ⁴	Curacao Petroleum Co.....	Curacao.	December 22.	Atenas.....	United Fruit Co.....	New Orleans.
December 22.	Turrialba.....	United Fruit Co.....	New York via Kingston.	December 22.	Cartago.....	United Fruit Co.....	New Orleans via Bocas del Toro and Habana.
December 23.	Alabama.....	Texas Oil Co.....	Port Arthur.	December 23.	Achilles ¹³	Panama Railroad Steamship Line..	Norfolk.
December 23.	Caribbean.....	Panama Railroad Cattle Industry.	Cartagena.	December 23.	Turrialba.....	United Fruit Co.....	New York via Colombia and Kingston.
December 23.	Macoris.....	French Line.....	St. Nazaire and wayports.	December 23.	Redwing ⁴	United States Navy.....	Norfolk via Cuba.
December 24.	Alexandrian.....	Leyland Line.....	Liverpool via wayports.	December 24.	Alabama.....	Texas Oil Co.....	Tampico.

¹³And barge *Darien*.

¹⁴Tug and barges.

¹⁵Transport.

(Continued on page 279, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, January 1, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Viborg.....	25	16.40	26	6.37	26	14.05	26	15.23	Danish.....	C. K. Hansen.....	283.0	42.0	19.6	Norfolk.....	Tocopilla.....	Coal.....	2,779	2,578	1,795
Montrolite.....	26	6.00	26	7.19	26	17.12	26	18.50	American....	Standard Oil Co.....	419.0	57.0	25.8	Tampico.....	San Francisco.	Naphtha, distil'd.	8,000	7,378	5,476
Laura C. Hall ¹ ..	21	7.55	26	7.23	26	16.59	27	23.20	British.....	Pacific Metals Corporation.....	82.0	25.0	10.6	Cristobal.....	Buenaventura.	General.....	13	130	69
Neches.....	26	6.25	26	7.40	26	18.04	.....	.....	American....	United States Navy.....	475.0	55.0	23.9	Port Arthur...	Balboa.....	Fuel oil.....	7,401	5,620	4,124
Craster Hall... Canadian	26	6.19	26	9.45	26	20.10	27	13.14	American....	United States Steel Products Co.	380.0	50.0	24.0	Norfolk.....	Yokohama....	Steel and cotton.	5,922	4,955	3,523
Trooper.....	26	11.35	26	12.54	26	20.25	26	21.30	British.....	Canadian Government.....	333.0	44.0	22.6	Baltimore.....	Callao.....	Coal.....	3,290	3,213	2,100
Orbita.....	24	21.28	26	13.15	26	21.37	26	22.22	British.....	Pacific Steam Navigation Co....	350.0	67.0	24.6	Liverpool.....	Valparaiso....	General.....	1,843	16,822	11,508
Launch No. 1409.....	.....	.....	26	7.23	26	16.59	26	22.22	American....	G. O'Barrio.....	.....	.....	.....	Cristobal.....	Buenaventura.	Ballast.....	.....	5	3
Ruahine.....	26	14.00	27	6.14	27	13.30	27	14.40	British.....	New Zealand Shipping Co.....	480.0	60.0	27.1	London.....	Wellington....	Gen. merchandise	6,373	1,197	8,322
Alloway.....	26	20.05	27	6.19	27	14.32	27	21.02	American....	Barber Steamship Co.....	416.0	53.0	25.8	New York....	Yokohama....	Gen., case oil...	7,965	6,576	4,886
Songdal.....	26	19.40	27	6.21	27	15.31	27	17.10	Norwegian..	S. O. Stray & Co.....	330.0	47.0	23.0	New York....	Callao.....	Gen., coal, coke.	4,449	3,768	2,532
Acajutla.....	23	10.10	27	6.25	27	14.25	27	17.00	British.....	Pacific Steam Navigation Co....	215.7	33.5	16.5	Cartagena....	Buenaventura.	Gen., salt.....	744	1,273	706
Apus.....	27	6.51	27	8.27	27	16.25	27	23.15	American....	Green Star Line (S. B.).....	401.0	53.2	23.8	Norfolk.....	Far East.....	General.....	5,754	7,082	5,167
Kelbergen.....	27	3.05	27	9.25	27	17.34	28	3.00	Dutch.....	N. V. Zuid H. S. Maatschappid.	392.0	51.9	13.0	W. Hartlepool.	Astoria.....	Ballast.....	.....	5,341	3,856
Trontolite.....	27	11.32	27	12.00	27	20.12	28	10.10	American....	Standard Oil Co.....	419.4	57.2	27.0	Point Lobos...	Talara.....	Crude oil.....	9,405	7,345	5,428
West Isleta....	27	12.46	27	13.10	27	20.55	27	22.07	American....	North Atl. & Western Co. (S.B.)	409.8	54.2	21.0	Philadelphia..	Portland.....	Steel and general	3,605	6,759	4,900
Sciota ².....	.....	.....	27	7.20	27	15.21	.....	.....	American....	United States Navy.....	.....	.....	.....	Cristobal.....	Balboa.....	.....	.....	.....	.....
Balboa.....	8	16.50	28	6.13	28	13.55	28	21.35	American....	Colombian Maritime Co.....	190.0	29.1	12.8	Cristobal.....	Buenaventura.	General.....	111	741	350
Whippoorwill ³ ..	16	18.33	28	6.20	28	15.05	28	16.30	American....	United States Navy.....	187.0	36.0	13.6	Guantanamo..	San Diego....	.....	.....	.....	.....
Essequibo.....	27	13.33	28	7.24	28	14.13	28	21.53	British.....	Pacific Steam Navigation Co....	450.0	58.0	26.0	New York....	Valparaiso....	General.....	2,455	9,037	6,089
Peru.....	22	16.52	28	10.16	28	17.09	28	20.22	British.....	Pacific Steam Navigation Co....	350.0	43.1	19.0	Cristobal.....	Valparaiso....	General.....	1,072	4,095	2,655
Tilti.....	28	13.55	29	6.17	29	14.32	30	19.55	Chilean....	Indies Navigation Co.....	290.0	38.1	20.0	Baltimore....	Valparaiso....	Coal.....	.....	2,474	1,640
Chiquimula ⁴ ...	27	7.45	29	6.19	29	15.10	29	16.20	American....	Chiquimula Shipping Corporation	176.0	36.0	15.6	Mobile.....	La Union.....	R. R. material...	890	716	530
Seattle Maru... Point Bonita...	29	2.55	29	6.55	29	14.45	29	18.54	Japanese....	Osaka Shosen Kaisha.....	410.0	50.0	22.0	New Orleans..	Kobe.....	Steel and cotton.	3,349	6,226	4,001
Point Adams... Breckenridge ⁵ ..	28	10.22	29	11.18	29	18.19	29	19.15	American....	Pacific Mail Steamship Co.....	289.0	44.0	15.6	Baltimore....	San Francisco.	Steel, general...	1,877	2,895	1,993
Cauca.....	24	18.43	29	11.55	29	19.12	30	22.44	American....	Pacific Mail Steamship Co.....	289.0	44.0	20.8	Baltimore....	San Francisco.	Steel, general...	3,489	2,899	1,971
Standard Arrow	29	17.32	30	6.22	30	13.15	30	15.02	British.....	United States Army.....	.....	.....	.....	Cristobal.....	Gatun Lake...	.....	.....	.....	.....
Huasco.....	28	19.30	30	6.32	30	14.40	30	15.48	American....	Pacific Steam Navigation Co....	246.0	35.0	14.6	Cristobal.....	Guayaquil....	General.....	172	1,582	1,023
Ucayali.....	28	16.36	30	11.02	30	18.33	30	20.12	Chilean....	Standard Transportation Co....	467.6	62.7	24.0	Beaumont....	Hongkong....	Oil.....	10,900	9,931	7,019
Iris.....	19	16.05	30	11.06	30	17.45	31	22.04	Peruvian...	South American Steamship Line.	379.0	44.0	22.3	Cristobal.....	Valparaiso....	General.....	292	4,552	3,182
Bahia Castillo..	30	6.56	30	13.07	30	20.50	30	21.38	American....	Peruvian Line.....	375.0	46.0	18.6	Cristobal.....	Callao.....	General.....	1,408	4,466	2,405
Edsall No. 219 ⁶ .	31	2.30	31	8.25	31	16.48	31	17.20	British.....	Swayne & Hoyt.....	304.0	38.8	22.0	New Orleans..	San Francisco.	General.....	2,704	3,030	2,021
Calcutta Maru.	31	10.27	31	10.48	31	17.40	31	18.52	American....	George Thompson.....	491.6	59.1	21.8	London.....	Melbourne....	.....	.....	11,128	8,436
									.....	United States Navy.....	314.0	31.0	11.0	Key West.....	San Diego....	.....	.....	.....	.....
									.....	Nippon Yusen Kabushiki Kaisha	400.0	54.0	24.0	New York....	Shanghai....	General.....	6,283	5,790	4,183

¹ Power schooner.² Tug, towing target raft No. 41 to Gatun.³ Mine sweeper, towing barge No. 2.⁴ Motor schooner.⁵ Launch.⁶ Destroyer.

Brookline.....	31	11.05	31	11.23	31	19.08	31	20.22	American...	E. C. Evans (S. B.).....	410.0	54.0	24.0	Norfolk.....	Bremerton....	Coal.....	7,193	6,576	4,852
Anten.....	31	7.15	31	12.37	31	20.24	31	21.25	Swedish....	Swedish Transatlantic Co.....	420.0	54.0	28.6	Norfolk.....	Wellington....	Coal.....	9,255	7,059	5,226
Essex.....	31	17.15	1	6.22	1	14.30	1	16.05	British.....	Federal Steam Navigation Co....	460.0	58.0	29.0	New York....	Adelaide.....	General.....	8,672	9,158	6,500
Akita Maru....	31	16.18	1	6.45	1	15.36	1	17.45	Japanese...	Nippon Yusen Kabushiki Kaisha	345.0	50.0	22.7	New York....	Kobe.....	Steel, cotton, gen	4,449		
Cordelia.....	31	19.55	1	6.58	1	16.02	2	9.30	British.....	C. T. Bowring & Co.....	420.3	54.0	27.0	Tampico.....	Los Angeles...	Fuel oil.....	9,000	6,690	4,963
Spes.....	31	9.00	1	8.00	1	17.05	1	18.00	Norwegian..	S. O. Stray & Co.....	220.0	36.0	15.6	Baltimore...	Guayaquil....	Coal.....	1,548		

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Jamaica.....	25	15.05	26	6.21	26	13.50	2	10.15	British.....	Pacific Steam Navigation Co....	220.0	34.0	10.0	Champerico...	Cristobal.....	General.....	30	1,187	622
Tainui.....	25	11.00	26	6.38	26	14.40	26	14.40	British.....	Shaw, Savill & Albion Co.....	477.8	61.1	25.6	Auckland.....	London.....	Frozen, general..	4,820	10,631	7,606
Durango.....	24	22.25	26	7.21	26	16.12	26	19.45	American...	Struthers & Dixon (S. B.).....	435.0	56.0	18.0	San Francisco.	Tecomate.....	Ballast.....		7,642	5,327
Amalienborg...	25	15.15	26	7.37	26	16.55	26	17.50	Danish.....	C. K. Hansen.....	311.1	45.8	21.0	Taltal.....	Vykobing, Den	Nitrate of soda..	4,564	3,567	2,460
Saint Joseph...	25	17.55	26	7.44	26	18.07	27	12.00	French.....	French Line.....	398.0	50.3	23.9	Talcahuano...	Havre.....	Nitrate, general..	6,096	5,979	4,170
Chile.....	25	19.25	26	8.39	26	17.25			British.....	Pacific Steam Navigation Co....	350.2	43.0	18.6	Coronel.....	Cristobal.....	General.....	623	4,065	2,668
Charlton Hall..	25	19.30	26	9.35	26	18.40	26	21.30	American...	Isthmian Steel Products Co....	400.0	50.0	25.0	Antofagasta...	New York....	Nitrate.....	7,200	5,696	4,267
Statesman.....	26	4.15	26	10.27	26	18.45	26	23.33	British.....	Harrison Line.....	423.3	53.0	24.6	San Francisco.	London.....	General.....	7,000	6,361	4,592
Leitrim.....	25	22.30	26	11.09	26	19.25	27	5.45	British.....	Union S. S. Co. of New Zealand.	470.0	60.2	23.8	Auckland.....	New York....	General, frozen..	5,200	10,050	6,794
Lake Fithian..	26	9.00	26	14.13	26	22.45	27	11.55	American...	N. O. & S. A. S. S. Co. (S. B.)..	253.4	43.8	24.2	Iquique.....	New Orleans..	Nitrates.....	3,711	2,915	1,907
Pulaski.....	26	19.50	27	6.36	27	15.18	27	19.45	American...	Caribbean S. S. Co. (S. B.) ..	251.0	43.6	20.0	Guayaquil....	New York....	Cacao.....	2,180	2,823	1,744
Kent.....	26	22.30	27	7.58	27	16.40	27	17.50	British.....	Federal Steam Navigation Co....	460.6	62.8	24.6	Lyttleton....	New York....	Frozen and wool..	5,520	10,503	8,121
Pedro Christo- phersen ⁷	27	13.30	28	7.06	28	14.30	28	14.30	Swedish....	Johnson Line.....	360.2	51.7	23.2	Antofagasta...	Göthenburg...	Nitrates.....	5,700	5,281	4,013
Frederick Luckenbach..	28	1.05	28	7.57	28	15.40	28	17.40	American...	Luckenbach Line.....	317.5	40.2	23.0	San Francisco.	Philadelphia..	General.....	3,000	2,986	2,091
Huasco.....	28	5.00	28	9.40	28	16.36	30	11.02	Chilean....	South American Steamship Line.	379.7	44.3	19.0	Valparaiso...	Cristobal.....	General.....	6	4,552	3,182
Ardmore.....	20	13.00	29	6.36	29	14.48	29	14.48	American...	Standard Oil Co.....	449.6	50.1	18.0	Iquique.....	Tampico.....	Ballast.....		8,636	6,321
Hvidehavet....	29	4.00	29	8.07	29	15.50	29	17.03	Danish.....	Atlantshavet Steamship Co....	324.2	48.7	19.6	Taltal.....	Norfolk.....	Nitrates.....	4,350	3,457	2,381
Eastern Temple	28	17.20	30	8.35	30	16.55	30	18.07	American...	McCormick & McPherson (S.B.)..	315.9	45.8	23.0	Mejillones...	Baltimore....	Nitrates.....	4,514		
West Togus....	31	6.30	31	8.19	31	16.00	31	16.15	American...	N. Atl. & West'n S. S. Co. (S.B.)..	409.8	54.2	22.6	Seattle.....	Philadelphia..	Lumber, general..	6,262	6,589	4,838
Sciota ⁸	27	15.21	31	10.20	31	15.55			American...	U. S. Navy.....	125.0	30.0		Las Palmas...	Cristobal.....				
Sorethavet....	31	14.40	1	6.29	1	14.37	1	14.37	Danish.....	Atlantshavet Steamship Co....	325.0	46.8	19.6	Taltal.....	Norfolk.....	Nitrates.....	4,163		
Salvador.....	31	17.05	1	6.44	1	13.43			British.....	Pacific Steam Navigation Co....	215.0	33.5	12.3	Champerico...	Cristobal.....	Coffee, general..	99	1,213	692
Steel Ranger...	1	1.00	1	7.49	1	16.33	1	17.13	American...	United States Steel Products Co	424.2	56.2	23.6	San Francisco.	New York....	Lumber, general..	6,500		
Eelbeck.....	1	4.41	1	12.14	1	20.25	1	20.25	American...	Williams, Dimond & Co. (S. B.)..	401.7	54.8	25.0	Portland.....	Glasgow.....	General.....	6,272	6,928	5,103

⁷ Motor ship.

⁸ Tug.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
December 26.	Pastores.....	United Fruit Co.....	Port Limon.	December 26.	Pastores.....	United Fruit Co.....	New York via Habana.
December 28.	Gen. G. W. Goethals.	Panama Railroad Steamship Line.	New York via Haiti.	December 26.	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
December 28.	Ulua.....	United Fruit Co.....	New York via Habana.	December 27.	Alexandrian.....	Leyland Line.....	Mobile.
December 28.	Heredia.....	United Fruit Co.....	New Orleans.	December 29.	Metapan.....	United Fruit Co.....	New Orleans.
December 29.	Metapan.....	United Fruit Co.....	New Orleans and way- ports.	December 29.	Heredia.....	United Fruit Co.....	New Orleans via Bocas del Toro and Habana.

(Continued on page 304, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, January 8, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Pacific ¹	1	12.48	2	6.10	2	14.05	2	19.40	Swedish	Johnson Steamship Line	362.0	51.3	16.0	Christiania	Valparaiso	General	1,735	5,360	4,089
Atagosan Maru	1	18.15	2	6.12	2	15.41	2	16.40	Japanese	Ryota Kisen Kaisha	356.0	49.8	29.5	New York	Yokkaichi	Cotton and steel	5,344	4,176	3,048
S-7 ²	31	9.48	2	6.15	2	13.14			American	United States Navy	231.0	30.0	4.0	Habana	San Diego				
Hawarden	1	19.18	2	6.20	2	15.38	2	20.50	American	Williams, Dimond & Co. (S. B.)	402.5	53.0	15.8	London	San Francisco	General	449	6,525	4,746
Erle	1	15.05	2	6.36	2	17.36	2	23.00	Norwegian	Arentz & Rederi	400.0	53.0	27.0	Philadelphia	Valparaiso	Coal	7,217	6,207	4,501
Typhoon	2	6.34	2	8.42	2	17.40	2	20.50	British	St. Mary's Steamship Co.	331.0	47.0	20.6	Norfolk	Valparaiso	Coal	3,566	3,489	2,634
Jamaica	26	13.50	2	10.15	2	18.37	2	19.40	British	Pacific Steam Navigation Co.	220.0	34.0	13.3	Cristobal	Champerico	General	700	1,187	622
La Habra	2	10.20	2	10.40	2	18.38			Norwegian	W. Wilhelmsen	425.0	57.0	26.6	Tampico	Balboa	Fuel oil	9,900	7,053	5,085
Potosi	24	6.15	3	6.13	3	15.16	6	0.05	British	Pacific Steam Navigation Co.	381.0	49.0	17.0	Glasgow	Coronel	Ballast		5,567	4,296
Genesee ³	1	21.45	3	6.20	3	15.18	6	16.25	American	Captain Crowley	119.0	27.0	14.0	New York	Papeete			213	172
Creole State	3	6.45	3	12.06	3	6.54	4	13.20	American	Pacific Mail S. S. Co. (S.B.)	502.1	62.2	23.0	Baltimore	San Francisco	General and steel	304	12,023	8,443
Ortega	2	17.05	3	13.44	3	20.01	3	21.03	British	Pacific Steam Navigation Co.	465.0	56.0	23.6	Liverpool	Coronel	General	2,388	8,345	4,998
Garfield	3	19.00	4	6.38	4	13.38	4	14.38	American	W. R. Grace & Co.	299.4	45.0	21.7	New York	Callao	General	2,617	3,228	2,010
Willaston	4	2.55	4	9.10	4	17.19	4	18.15	British	John Edgar & Co.	400.5	52.0	26.0	Norfolk	Lyttleton	Coal	7,415	5,701	4,126
Santa Luisa	4	17.31	5	6.10	5	14.50	5	15.35	American	W. R. Grace & Co.	350.2	51.6	23.4	New York	Valparaiso	General	3,456	5,694	3,975
Jupiter	4	7.50	5	6.25	5	14.58	5	15.50	Spanish	Cia Anonima Maritime Union	389.2	52.1	14.0	Cardiff	Iquique	Ballast		5,223	3,994
Chile	26	17.25	5	9.50	5	17.15	5	18.45	British	Pacific Steam Navigation Co.	350.0	43.0	18.6	Cristobal	Valparaiso	General	567	4,065	2,668
No. 285 ⁴			5	9.20	5	14.57			American	United States Navy				Cristobal	Pedro Miguel				
Dewey	5	15.55	6	6.35	6	15.52	6	17.10	American	Williams, Dimond & Co. (S. B.)	410.0	54.0	24.0	Galveston	San Francisco	Sulphur	7,000	6,623	4,910
Huallaga	5	12.40	6	6.50	6	14.50	6	16.12	Peruvian	Peruvian Line	360.0	44.7	22.1	Walsend	Callao	General	2,139	4,514	2,386
Artigas	6	6.40	6	7.12	6	16.41	7	14.35	American	North Atl. & Western Co. (S. B.)	390.0	54.2	18.6	Boston	Portland	General	1,976	6,161	4,427
Treverbyn	6	10.42	6	11.17	6	19.25	7	14.50	British	Hain Steamship Co.	400.7	52.3	25.0	Sabine	Melbourne	Sulphur	6,200	5,835	4,181
Edward Luck- enbach	6	11.52	6	13.10	6	20.16	6	21.18	American	Luckenbach Line	436.0	57.0	29.0	New York	San Francisco	General, steel	7,671	8,543	6,427
Cape Romain	6	12.45	6	13.20	6	21.20	8	13.18	American	Atlantic Gulf and Pacific Corp.	376.4	52.3	24.8	Philadelphia	San Francisco	General	6,300	5,142	3,568
Invader ⁵			6	10.00	6	12.58			American	Joe Bryan				Cristobal	Gatun Lake	Ballast		2	2
Lock City			6		6				American	W. C. Hyler				Gatun Lake	Balboa			9	7
Donald McKay	6	13.48	7	6.25	7	14.23			American	W. S. & A. Line	401.0	54.0	23.0	New York	Townsville	General	6,000	6,528	4,730
Agwimars	6	15.27	7	6.26	7	15.20	7	16.20	American	Ward Line	429.0	59.0	28.5	Port Arthur	Shanghai	Kerosene	9,819	7,851	5,552
Queen Eliza- beth	7	6.58	7	7.23	7	15.59	7	17.00	British	E. Edwards & Sons	260.0	48.0	25.0	Baltimore	Valparaiso	Coal	5,645		
Westboro	7	7.00	7	7.40	7	16.45			American	United States Shipping Board	409.5	54.2	24.6	Norfolk	Balboa	Coal	7,127		
Point Lobos	5	21.34	7	9.10	7	17.21	8	0.22	American	Pacific Mail Steamship Co.	289.0	44.0	18.0	Baltimore	San Francisco	General	2,164	2,895	1,967
Magdala	7	13.03	7	13.35	7	20.58	7	22.08	Danish	Orient Steamship Co.	360.0	52.0	25.0	Baltimore	Valparaiso	Coal	6,297	4,715	3,384
El Condado	7	17.50	8	6.27	8	14.52	8	15.54	Spanish	General Navigation Co.	330.0	49.0	20.6	Norfolk	Callao	Coal	4,773	3,730	2,637
Coalinga	8	8.50	8	9.35	8	18.27	8	19.15	American	Union Oil Co.	471.0	55.0	29.6	Tampico	San Pedro	Crude oil	10,000		
Quillota	6	10.48	8	11.30	8	19.21	8	20.27	British	Pacific Steam Navigation Co.	361.4	46.2	19.2	New York	Guayaquil	General	1,515	4,768	2,956

¹ Motor ship.² Submarine.³ Yacht.⁴ Subchaser.⁵ Launch.

THE PANAMA CANAL RECORD

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¹² Chilean and Peruvian produce.

¹³ Nitrates, copper, and general.

¹⁴ Ecuadorian produce.

¹⁵ Nitrate, beans, and sugar.

¹⁶ Long tons.

¹⁷ 3,808,744 feet B. M., 550 tons.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

(Continued on page 320, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, January 15, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Terrier.....	8	14.53	9	6.33	9	14.46	9	15.47	Norwegian..	W. Wilhelmsen.....	400.0	52.0	24.6	Newport News	Mejillones....	Coal.....	7,124	5,531	3,979
Texan.....	9	3.10	9	7.30	9	15.35	9	14.28	American...	American-Hawaiian Co.....	471.0	57.2	19.8	New York....	Portland.....	General.....	3,320	9,154	7,033
Port Hacking...	9	8.59	9	13.31	9	21.18	9	22.35	British.....	Commonwealth and Dom. Line.	440.0	55.0	28.6	New York....	Sydney.....	General.....	6,288	7,885	5,847
West Notus....	9	13.32	10	6.35	10	14.40	10	19.45	American...	Swayne & Hoyt (S. B.).....	410.5	54.3	19.0	Rio de Janeiro	San Francisco.	Coffee, general..	2,367	6,583	4,914
Nils.....	9	18.35	10	6.48	10	15.29	10	16.27	Norwegian..	Mayer & Sandsalen Larvik.....	277.0	42.0	18.5	New Orleans..	Talara.....	Iron pipes.....	2,350	2,117	1,404
Salvador.....	1	13.43	10	8.15	10	15.34	10	16.21	British.....	Pacific Steam Navigation Co....	215.0	33.0	13.4	Cristobal....	Champerico...	General.....	385	1,213	692
Willfaro.....	10	7.30	10	8.58	10	16.48	11	8.22	American...	Williams Steamship Co.....	381.0	52.0	24.0	New York....	San Pedro....	General, steel, etc	7,148	5,680	4,162
Wm. H. Webb.	10	9.16	10	9.50	10	17.55	12	21.00	American...	Barber Steamship Co. (S. B.)...	417.0	54.0	24.0	Philadelphia..	Hongkong....	Case oil.....	7,500	6,528	4,735
Egremont																			
Castle.....	9	23.45	11	6.15	11	14.00	11	15.45	British.....	James Chambers & Co.....	410.0	52.0	27.2	New York....	Yokohama....	General.....	7,150	6,090	4,389
Trinity ¹	10	18.40	11	6.20	11	13.00			American...	United States Navy.....	477.0	60.0	27.0	Port Arthur...	Balboa.....	Fuel oil.....	10,771		
Stuartstar.....	11	9.36	11	10.45	11	19.10	11	23.40	British.....	Blue Star Line.....	420.0	54.0	22.3	Norfolk.....	Gisborne.....				
San Jose.....	8	13.45	11	12.35	11	20.25	12	14.33	American...	Pacific Mail Steamship Co.....	283.0	37.0	17.8	Cristobal....	San Francisco.	General.....		2,352	1,602
Otarama.....	11	6.20	11	12.40	11	21.12	11	22.16	British.....	New Zealand Shipping Co.....	430.0	53.0	27.1	Hull.....	Auckland.....	General.....	10,000	7,981	5,518
Cecil County...	11	14.45	12	6.25	12	15.43			American...	Calumbers Shipping Co. (S. B.)	431.0	59.2	24.8	Tampico.....	Balboa.....	Fuel oil.....	10,000	8,097	5,400
Vikingstar....	11	18.14	12	6.45	12	14.45	12	19.02	British.....	Blue Star Line.....	400.4	52.3	20.4	Glasgow.....	Auckland.....	Ballast.....		6,870	4,909
Admiral																			
Latorre ²	10	11.00	12	8.00	12	17.09			Chilean....	Chilean Government.....	625.0	92.0	34.0	Port of Spain.	Valparaiso...				
Williams ³	10	11.02	12	8.03	12	19.10			Chilean....	Chilean Government.....	328.0	35.0	14.0	Port of Spain.	Valparaiso...				
Uribe ³	10	11.06	12	8.03	12	19.18			Chilean....	Chilean Government.....	328.0	35.0	14.0	Port of Spain.	Valparaiso...				
McCormick ⁴ ...	12-18	12.34	12	8.18	12	17.53	14	17.50	American...	United States Navy.....	310.0	31.0	13.0	Santiago.....	San Diego.....				
Riveros ⁵	10	11.04	12	8.25	12	18.00			Chilean....	Chilean Government.....	328.0	35.0	14.0	Port of Spain.	Valparaiso...				
North-																			
umberland...	13	7.57	13	8.25	13	16.52	13	17.55	British.....	Federal Steam Navigation Co...	530.5	63.0	30.0	New York....	Auckland.....	General.....	8,000	12,821	8,700
Laura C. Hall ⁴ .	12	15.03	13	9.35	13	17.37	14	19.25	British.....	Pacific Metals Corp.....	81.0	25.0	9.6	Cristobal....	Buenaventura.	Ballast.....		130	69
Rovuma.....	12	15.36	13	9.40	13	17.38	13	18.52	French.....	French Government.....	419.0	54.0	26.8	Philadelphia..	Valparaiso...	Coal.....	6,698	7,484	5,408
Buford ⁵	7	21.15	13	10.06	13	19.14	13	20.14	American...	United States Army.....	370.8	44.2	27.1	New York....	Manila.....	Explosives.....	1,878		
La Brea.....	13	9.48	13	10.12	13	18.48	13	19.37	American...	Union Oil Co.....	435.0	56.0	29.6	Tampico.....	Los Angeles...	Crude oil.....	10,000	7,405	5,158
Lula ⁶			13	6.00	13	10.48			American...	Union Oil Co.....				Cristobal....	Gatun Lake...	Ballast.....		2	1
Natica.....	13	17.48	14	6.25	14	14.39	14	15.55	British.....	Anglo-Saxon Petroleum Co.....	406.2	51.3	26.3	Port Arthur...	Shanghai....	Kerosene.....	6,761½	5,967	4,321
Rainbow ⁷	1	4.00	14	6.48	14	15.34	17	10.47	American...	United States Navy.....	325.0	41.0	20.0	Habana.....	Honolulu....				
Lake Ellicott...	14	6.40	14	7.20	14	15.35	14	20.30	American...	N. Orleans & S. Amer. S. S. Co.	253.0	44.0	22.0	New Orleans..	Valparaiso...	General.....	2,323	2,920	1,973
Tregantle.....	14	1.52	14	12.22	14	19.47	14	20.12	British.....	E. Hain & Co.....	414.0	52.0	21.6	Hull.....	Valparaiso...	General.....	5,077	6,035	4,610
Logan ⁵	14	6.46	15	6.22	15	14.26	15	15.13	American...	United States Army.....	445.5	49.2	25.6	New York....	San Francisco.	Explosives.....	2,400		

¹ Tanker.² Battleship.³ Destroyer.⁴ Motor schooner.⁵ Transport.⁶ Launch.⁷ Subtender.

Kayseeka.....	14	17.08	15	6.28	15	14.44	15	16.15	American...	Thorndyke Trenholme.....	400.7	54.2	20.0	Antwerp.....	Seattle.....	Silver sand.....	4,447	6,529	4,712
Nankai Maru...	14	16.38	15	6.44	15	15.25	15	16.15	Japanese...	Muji Kaiun Kaisha.....	400.0	49.0	26.0	Newport News	Mejillones....	Coal.....	6,381	6,010	4,590
S-3 and S-4 ⁸ ...	12-31	9.48	15	7.13	15	15.45	17	11.10	American...	United States Navy.....	231.0	30.0	14.0	Habana.....	San Diego.....				
S-6 and S-8 ⁸ ...	12-31	9.48	15	7.20	15	16.14	17	11.10	American...	United States Navy.....	231.0	30.0	14.0	Habana.....	San Diego.....				
Manavi.....	8	19.25	15	8.50	15	16.18	15	17.28	British.....	Pacific Steam Navigation Co....	216.0	35.0	11.1	Cristobal....	Guayaquil....	General.....	1,357	884	
Agadir.....	8	8.06	15	11.26	15	18.07	15	21.07	British.....	Pacific Steam Navigation Co....	285.0	41.3	19.6	London.....	Paipa.....	General.....	2,871	1,826	

⁸ Submarine.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Orca.....	8	16.00	9	7.22	9	14.58	9	20.50	British.....	Pacific Steam Navigation Co....	550.3	67.3	33.0	Astoria.....	Havre.....	Wheat.....	11,989	15,931	10,486
Ebro.....	9	6.45	9	8.15	9	15.55	10	7.20	British.....	Pacific Steam Navigation Co....	450.3	57.8	24.0	Valparaiso....	New York....	General.....	356	9,089	6,215
Cedar Branch..	9	7.40	9	9.47	9	17.40	10	6.42	British.....	F. & W. Ritson.....	390.5	51.0	23.0	Coronel.....	Liverpool....	General.....	5,276	4,912	3,642
Lompoc.....	9	9.20	9	10.09	9	17.29	9	18.15	British.....	C. T. Bowring.....	435.3	55.8	18.0	Antofagasta..	Tampico.....	allast.....		7,488	5,342
Roxburgh.....	9	14.20	10	6.37	10	15.10	10	15.37	British.....	E. Edwards & Son.....	345.4	50.0	24.6	Tocopilla.....	Rotterdam...	Nitrates.....	6,582	4,880	3,511
William A. McKenney...	9	21.00	10	8.12	10	17.00	10	18.15	American...	Crowell & Thurlow.....	395.0	55.1	27.8	Tocopilla.....	Pensacola....	Nitrates.....	9,025	6,532	4,528
Noerdijk.....	10	2.00	10	9.05	10	16.35	10	18.25	Dutch.....	Holland American Line.....	471.0	60.1	25.6	San Francisco.	Rotterdam...	Wheat, etc....	9,965	9,165	6,961
Acajutla.....	10	2.00	10	9.23	10	17.00			British.....	Pacific Steam Navigation Co....	215.7	33.5	13.4	Buenaventura	Cristobal....	Coffee, etc....	293	1,273	706
Arzila.....	11	7.40	11	8.45	11	16.07			British.....	Royal Mail Steam Packet Co....	285.0	41.3	16.6	Champerico...	Cristobal....	General.....	74	2,856	1,797
Mexico.....	11	8.10	11	10.31	11	18.30	12	5.18	British.....	Pacific Steam Navigation Co....	400.9	52.3	22.6	Valparaiso....	Liverpool....	General.....	3,504	6,551	4,205
Advance.....	11	9.30	11	10.48	11	19.00	13	15.05	American...	Panama Railroad Steamship Line	295.0	38.4		Guayaquil....	New York....	General.....	434	2,947	2,113
Elanchove.....	11	11.50	11	12.58	11	21.10	12	11.05	Spanish.....	Cia. Maritime Elanchove.....	322.0	41.5	23.7	Mejillones....	Barcelona...	Nitrates.....	4,137	3,020	2,214
Kodrus.....	11	11.45	11	14.29	11	22.40	13	1.17	British.....	C. Doresa.....	370.0	51.0	21.0	Taltal.....	United King..	Nitrates.....	5,850		3,543
Laura C. Hall..	11	10.40	12	6.40	12	15.03	13	9.35	British.....	Pacific Metals Corp.....	81.0	25.6	9.6	Buenaventura.	Cristobal....	Ballast.....		130	69
Eastern Sailor..	11	21.25	12	7.35	12	14.55	12	15.37	American...	Williams, Dimond & Co. (S. B.)	415.0	55.7	23.6	Portland.....	Havre.....	Ties, pine.....	(9)	7,704	5,707
John Worth-ington.....	12	9.00	12	12.25	12	22.15	12	22.15	American...	Standard Oil Co. of N. J.....	462.4	60.2	27.6	San Francisco.	New York....	Gas, oil.....	11,400		
Trinity.....	11	13.27	13	6.38	13	13.55	13	13.55	American...	United States Navy.....	477.0	60.1		Balboa.....	Port Arthur...	Ballast.....			
Gallie.....	12	13.29	13	7.38	13	15.45	13	18.10	British.....	White Star Line.....	450.0	58.5	24.6	Auckland.....	London.....	General.....	4,906	8,132	5,299
Raithwaite.....	12	14.00	13	7.54	13	17.05	13	18.34	British.....	Leslie Shipping Co.....	325.0	47.1	22.0	San Antonio...	Savannah....	Copper, etc....	4,535	3,358	2,400
Canastota.....	13	2.30	13	8.26	13	18.00	13	23.50	British.....	Canastota Steamship Co.....	405.0	52.3	23.0	Sydney.....	New York....	General.....	7,000	5,525	4,110
Remuera.....	13	2.15	13	8.47	13	18.55	14	6.30	British.....	New Zealand Shipping Co.....	485.0	62.3	26.0	Auckland.....	London.....	Meat, general...	6,260	11,664	8,776
Grangepark....	13	13.55	14	6.29	14	14.45	14	18.08	British.....	J. & J. Denholm.....	400.4	52.3	24.0	Cerro Azul....	Liverpool....	Sugar.....	7,050	5,710	4,017
Tranquebar....	13	22.00	14	7.48	14	15.50	14	17.58	Danish.....	Orient Steamship Co.....	370.0	47.5	22.4	Valparaiso....	Copenhagen...	Nitrates.....	5,338	4,397	3,209
Port Caroline..	14	1.00	14	8.15	14	15.47	14	20.25	British.....	Commonwealth and Dom. Line.	480.7	62.4	26.0	Wellington....	London.....	Frozen, general..	9,000	10,740	7,829
Palena.....	14	5.30	14	8.28	14	16.13			Chilean.....	South American Steamship Co...	350.0	42.1	22.0	Talcahuano...	Cristobal....	General.....	355.37	3,666	2,577
Sag Harbor....	8	14.05	14	8.37	14	16.57	14	21.25	American...	Tracy Steamship Co. (S. B.)....	264.0	42.2	14.6	Acajutla.....	Norfolk.....	Ballast.....		2,504	1,701
Harold Dollar...	13	22.15	14	8.47	14	17.27	14	23.05	British.....	Dollar Steamship Co.....	376.5	52.2	23.1	Singapore.....	New York....	General.....	6,049	5,224	3,940
Cecil County...	12	15.43	14	13.53	14	21.18	14	21.18	American...	Chambers Shipping Co.....	431.0	59.2		Balboa.....	Tampico.....	Ballast.....			
Hague Maru...	14	15.35	15	6.42	15	14.55	15	15.50	Japanese...	Osaka Shosen Kaisha.....	407.3	50.8	22.0	Singapore.....	New York....	General.....	4,855		
North American	14	6.00	15	6.49	15	15.30			British.....	American Metals Transport.....	251.0	43.6	20.0	Arica.....	New York....	Metals, etc....	3,200	2,444	1,571
West Kedron...	14	17.20	15	7.19	15	16.06	15	18.30	American...	Williams, Dimond & Co. (S. B.)	410.5	54.3	24.0	San Francisco.	Antwerp.....	General.....	5,922	6,572	4,900
Mina Brea.....	25	12.30	15	8.49	15	15.50	15	19.45	British.....	International Petroleum Co.....	360.3	49.2	18.0	Talara.....	Port Lobos...	Ballast.....		4,437	2,688

* 4,200,000 ft. B. M.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

(Continued on page 332, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, January 22, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Bridge ¹	15	20.02	16	6.32	16	13.04	22	14.45	American...	United States Navy.....	424.0	55.2	22.6	New York....	Callao.....	Naval supplies..	1,517	.....	.....
Collegian.....	15	4.15	16	6.33	16	14.02	16	14.55	British.....	Harrison Line.....	455.0	56.0	17.6	Liverpool....	Puget Sound..	General.....	1,770	7,712	5,437
Haynie.....	16	7.00	16	7.52	16	15.36	16	17.00	American...	Sudden & Christensen (S. B.)...	402.0	53.0	27.0	Norfolk.....	San Diego....	Coal.....	8,215	6,524	4,756
Ardmore.....	14	8.23	17	6.26	17	15.08	17	16.15	American...	Standard Oil Co.....	450.0	60.0	25.0	Tampico.....	Pisagua.....	Oil.....	10,000	8,636	6,321
Kaisho Maru...	16	14.17	17	6.42	17	15.55	17	16.55	Japanese...	Katsuda Kisen Kaisha.....	407.0	50.0	26.0	New York....	Kobe.....	General.....	6,150	6,108	4,565
Eemdyk.....	16	3.18	17	6.47	17	14.10	17	15.05	Dutch.....	Holland-American Line.....	425.0	58.0	21.8	Rotterdam...	Los Angeles...	General.....	2,393	8,514	6,066
Prometheus...	17	6.38	17	7.20	17	17.00	17	17.57	American...	United States Navy.....	450.0	60.1	22.0	Guantanamo..	Balboa.....	Ballast.....	.....	.....	.....
City of Vancouver.....	17	18.58	17	12.45	17	19.35	17	20.50	British.....	Canadian Western Steamship Co.	411.5	54.1	13.6	W. Hartlepool.	Vancouver....	Ballast.....	.....	6,614	4,995
Brazos.....	17	15.13	17	15.47	18	10.30	23	16.45	American...	United States Navy.....	475.0	56.0	26.0	Guantanamo..	Balboa.....	Oil.....	7,300	.....	.....
General Getty ².....	.....	.....	17	6.40	17	19.14	.....	.....	American...	United States Army.....	.....	.....	.....	Cristobal.....	Balboa.....	.....	.....	.....	.....
Arzila.....	11	16.07	18	6.30	18	14.02	18	14.50	British.....	Pacific Steam Navigation Co....	285.0	41.3	19.7	Cristobal.....	Valparaiso....	General.....	1,839	2,856	1,797
Mont Cervin...	17	18.23	18	6.40	18	15.33	18	16.50	French.....	Soc. Gen. Transports Maritime..	340.0	49.0	24.0	Marseilles....	Vancouver....	Sugar, general..	5,050	4,070	2,933
Meiwo Maru...	17	19.52	18	7.05	18	14.44	18	16.20	Japanese...	Taisho Kaiun Kaisha.....	445.0	58.0	27.6	Port Arthur...	Yokohama....	Petroleum.....	8,900	8,299	5,979
Palena.....	14	16.13	18	9.12	18	16.12	19	18.00	Chilean.....	South American Steamship Line.	350.0	42.0	24.2	Cristobal.....	Valparaiso....	General.....	400	3,666	2,577
Sussex.....	11	8.05	18	11.02	18	20.15	.....	.....	British.....	Federal Steam Navigation Co....	420.0	52.0	26.4	Newport.....	Auckland.....	General.....	6,747	7,016	5,078
Betsy Bell.....	18	13.17	18	13.50	19	10.37	.....	.....	American...	Williams, Dimond & Co.....	402.6	53.2	26.6	Norfolk.....	San Francisco.	Coal.....	7,547	6,060	4,790
Mason ³	19	6.10	19	6.18	19	12.52	22	10.43	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....	.....
Dahlgren ³	19	6.10	19	6.18	19	12.53	23	21.35	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....	.....
Semmes ³	19	6.18	19	6.23	19	13.30	22	10.43	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....	.....
Graham ³	19	6.18	19	6.23	19	14.15	22	10.43	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....	.....
Satterlee ³	19	6.26	19	6.34	19	13.11	22	10.43	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....	.....
Goldsborough ³	19	6.26	19	6.34	19	13.12	22	10.43	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....	.....
Blakeley ³	19	6.31	19	6.40	19	13.45	22	10.43	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....	.....
Bernadou ³	19	6.31	19	6.40	19	13.47	22	10.43	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....	.....
Crownshield ³	19	6.34	19	7.37	19	15.28	22	10.43	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....	.....
Preble ³	19	6.34	19	7.37	19	15.34	22	10.43	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....	.....
William B. Preston ³	19	6.37	19	7.40	19	15.37	22	10.43	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....	.....
Barney ³	19	6.37	19	7.40	19	15.39	22	10.43	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....	.....
Black Hawk...	19	6.43	19	7.45	19	15.48	22	10.55	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....	.....
Hector.....	14	23.25	19	9.10	19	18.28	19	23.40	Dutch.....	Royal Netherlands W. I. Mail...	322.0	44.0	22.6	Amsterdam...	Valparaiso....	General.....	3,350	3,677	2,707
Liberator.....	19	6.58	19	10.04	19	16.56	19	17.48	American...	Atlantic Gulf & Pacific Co.....	410.0	56.0	21.6	Philadelphia..	San Francisco.	General.....	5,000	7,708	6,250
Spermina.....	19	7.05	19	10.10	19	18.45	20	13.40	American...	Spermina Shipping Co.....	349.7	47.1	21.6	Baltimore....	Valparaiso....	Coal.....	4,700	3,355	2,679
Trelyon.....	19	8.12	19	11.04	19	19.25	19	21.00	British.....	Hain Steamship Co.....	400.0	52.4	24.0	Avonmouth...	Dunedin.....	General.....	6,064	5,788	4,100
Santa Teresa...	19	12.18	19	11.47	19	19.35	19	20.40	American...	W. R. Grace & Co.....	360.2	51.6	25.6	New York....	Valparaiso....	General.....	3,102	5,726	4,086

¹ Supply ship.² Tug.³ Destroyer.

Gen. H. F. Hodges.....	16	10.27	19	12.35	19	20.45	.....	American...	Panama Railroad Steamship Line	324.0	39.0	20.0	New York....	Guayaquil....	General.....	665	3,013	1,574
Pennsylvania ⁴	19	13.55	19	14.10	20	12.24	22	10.55	American...	United States Navy.....	600.0	97.0	.....	Guantanamo..	Callao.....	.....	.....	.....
Utah ⁴	19	14.18	19	14.28	20	12.45	22	10.55	American...	United States Navy.....	510.0	88.0	.....	Guantanamo..	Callao.....	.....	.....	.....
Delaware ⁴	19	14.25	19	15.55	20	13.47	22	10.55	American...	United States Navy.....	510.0	85.0	.....	Guantanamo..	Callao.....	.....	.....	.....
North Dakota ⁴	19	14.33	19	15.55	20	14.01	22	10.55	American...	United States Navy.....	510.0	85.0	.....	Guantanamo..	Callao.....	.....	.....	.....
Oklahoma ⁴	19	15.03	19	17.20	20	15.31	22	10.55	American...	United States Navy.....	595.0	95.0	.....	Guantanamo..	Callao.....	.....	.....	.....
Arizona ⁴	19	15.05	19	16.56	20	15.21	22	10.55	American...	United States Navy.....	600.0	97.0	.....	Guantanamo..	Callao.....	.....	.....	.....
Dickerson ³	19	18.34	20	6.20	20	16.35	22	10.43	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....
Leary ³	19	13.14	20	6.20	20	16.42	22	10.43	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....
Herbert ³	19	18.28	20	6.25	20	17.50	22	10.43	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....
Schenck ³	19	17.22	20	6.25	20	17.39	22	10.43	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....
Nevada.....	19	14.50	20	6.30	20	16.30	22	10.55	American...	United States Navy.....	575.0	95.0	.....	Guantanamo..	Callao.....	.....	.....	.....
Sicard ³	19	13.45	20	6.40	20	17.42	22	10.43	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....
Hatfield ³	19	6.35	20	6.40	20	17.39	22	10.43	American...	United States Navy.....	310.0	31.0	.....	Guantanamo..	Callao.....	.....	.....	.....
Columbia.....	19	23.25	20	7.25	20	18.30	22	10.45	American...	United States Navy.....	411.0	58.0	.....	Guantanamo..	Callao.....	.....	.....	.....
Solace.....	19	23.25	20	7.32	20	17.25	22	15.20	American...	United States Navy.....	377.0	44.0	.....	Guantanamo..	Callao.....	.....	.....	.....
Carabassett.....	19	23.25	20	8.01	20	18.33	.....	.....	American...	United States Navy.....	.....	.....	.....	Guantanamo..	Callao.....	.....	.....	.....
Contocook.....	19	23.25	20	8.01	20	18.33	.....	.....	American...	United States Navy.....	.....	.....	.....	Guantanamo..	Callao.....	.....	.....	.....
Nereus ⁵	19	23.25	20	8.25	20	19.25	22	15.00	American...	United States Navy.....	.....	.....	.....	Guantanamo..	Callao.....	.....	.....	.....
Proteus.....	19	23.25	20	8.30	20	18.50	22	15.30	American...	United States Navy.....	522.0	62.0	.....	Guantanamo..	Callao.....	.....	.....	.....
Siam ⁶	16	23.40	20	10.40	20	19.42	22	19.00	Danish.....	East Asiatic Steamship Co.....	410.0	55.2	15.0	Copenhagen..	San Francisco.	Ballast.....	7,068	5,303
Rimutaka.....	19	20.22	20	11.00	20	20.25	20	21.55	British.....	New Zealand Shipping Co.....	457.0	58.0	25.8	London.....	Auckland.....	General.....	4,636	9,125
Heber.....	19	23.00	20	12.43	20	21.48	.....	.....	American...	McCormick & McPherson (S. B.)	402.5	53.0	26.9	Norfolk.....	Bremerton....	Coal.....	8,037	.....
Cauca.....	16	13.20	21	6.12	21	12.42	22	13.38	British.....	Pacific Steam Navigation Co....	246.0	35.0	13.9	Cristobal....	Guayaquil....	General.....	212	1,582
Almelo.....	19	20.13	21	6.21	21	13.40	22	20.47	Dutch.....	Royal Netherlands W. I. Mail ..	460.0	62.6	19.6	Amsterdam..	Valparaiso....	General.....	3,106	9,403
Republic.....	20	17.12	21	6.33	21	14.20	21	15.45	American...	Chile Steamship Co.....	350.0	49.0	22.6	Baltimore....	Tocopilla....	General.....	3,673	4,623
Acajutla.....	10	17.00	21	6.56	21	15.37	21	18.20	British.....	Pacific Steam Navigation Co....	215.7	33.5	13.1	Cristobal....	Tumaco.....	General.....	490	1,273
Caddo.....	20	18.05	21	7.05	21	15.12	.....	.....	American...	Standard Oil Co.....	414.0	55.2	30.7	Tuxpan.....	Pisagua.....	Crude oil.....	8,170	6,438
Sinasta.....	20	19.50	21	7.35	21	17.30	23	7.52	American...	Barber Steamship Line (S. B.)...	402.6	53.0	25.0	New York....	Manila.....	Oil etc.....	6,907	6,566
Cherry Branch.	20	21.42	21	7.40	21	16.37	21	18.20	British.....	Nautilus Steamship Co.....	412.0	52.0	18.0	Liverpool....	Valparaiso....	General.....	3,000	5,395
Ansaldo IV....	20	17.26	21	11.13	21	17.55	22	14.50	Italian.....	Soc. Naz. di Navigazione.....	377.0	51.0	24.3	Genoa.....	Valparaiso....	General.....	950	5,473
West Canon....	21	23.55	22	7.10	22	14.53	22	20.40	American...	E. C. Evans & Son. (S. B.)	410.5	54.0	25.0	Norfolk.....	San Francisco.	Coal.....	7,391	6,624
Treglisson.....	22	8.17	22	9.13	22	16.38	22	19.35	British.....	Hain Steamship Co.....	369.8	51.1	24.0	Newport News	Auckland.....	Coal.....	6,187	.....

⁴ Battleship.⁵ Collier.⁶ Motor ship.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Cauca.....	15	17.20	16	6.55	16	13.20	21	6.12	British.....	Pacific Steam Navigation Co....	246.0	35.2	12.0	Guayaquil....	Cristobal....	(⁸)	417	1,582	1,023
Nevada.....	16	0.30	16	8.25	16	16.18	16	22.57	Danish.....	United Steamship Co.....	360.0	50.0	23.0	Caleta Colosa.	La Pallice....	Nitrates.....	5,977	4,990	3,558
Argyll.....	15	18.45	16	8.35	16	15.12	18	13.20	French.....	De Soleo Line.....	320.2	40.7	19.0	Santa Rosalia.	Tampico.....	Ballast.....	.....	3,141	2,096
San Joaquin....	16	5.15	16	9.23	16	16.40	16	19.56	Norwegian..	W. Wilhelmsen.....	425.5	57.1	19.6	Taltal.....	Tampico.....	Ballast.....	.....	7,059	5,075
Gen. W. M. Graham ⁷.....	.....	.....	16	9.30	16	16.50	.....	.....	American...	United States Army.....	.....	.....	.....	Balboa.....	Cristobal....	.....	.....	.....	.....
Port Kembla... ⁷	16	9.00	16	12.29	16	20.30	16	22.40	British.....	Commonwealth and Dom. Line.	480.0	62.2	28.2	Auckland.....	London.....	Frozen and gen..	7,509	10,708	8,116
Gen. G. W. Getty.....	.....	.....	16	7.00	16	13.10	17	6.40	American...	United States Army.....	.....	.....	.....	Balboa.....	Cristobal....	.....	.....	.....	.....
Brush.....	16	15.15	17	7.51	17	14.42	17	15.45	American...	North Atl. & Western S. S. Co..	390.0	54.2	24.0	San Francisco.	Philadelphia..	Lumber, general.	(⁹)	6,161	4,433

⁷ Mine planter.⁸ Ivory nuts, cacao, and general.⁹ Lumber, 3,800,000 feet B. M.

THROUGH THE CANAL—PACIFIC TO ATLANTIC—continued.

Kenuta.....	16	15.30	17	8.01	17	16.19	18	6.37	British.....	Pacific Steam Navigation Co.....	401.4	52.2	23.1	Puntarenas...	Liverpool.....	General.....	5,952	6,440	4,900
Delisle.....	16	15.15	17	8.13	17	16.20	17	16.20	American...	Luckenbach Line (S. B.).....	320.8	46.0	18.6	San Francisco.	New York....	General.....	2,111	3,803	2,350
Forfar.....	16	16.00	17	8.23	17	17.21	17	20.42	British.....	Ed. Edwards & Son.....	348.5	50.1	21.0	Taltal.....	Brest.....	Nitrates.....	5,622	4,097	3,000
Toba Maru....	16	23.00	17	8.57	17	16.25	17	16.45	Japanese....	Nippon Yusen Kaisha.....	445.0	58.0	17.0	Shanghai....	New York....	General.....	2,600	8,058	5,743
Quillwark.....	17	1.00	17	9.32	17	19.25	17	20.35	American...	E. C. Evans & Son (S. B.).....	402.5	53.0	24.6	Portland.....	Naples.....	Wheat.....	7,691	6,582	4,882
U.S.S. Kansas ⁴ .	14	6.30	17	9.37	19	15.32	19	19.40	American...	United States Navy.....	450.0	85.0	27.0	Honolulu....	Guantanamo..	.....	.....	.....	.....
Mantaro.....	17	9.50	17	11.39	17	18.44	24	6.40	Peruvian...	Peruvian Line.....	360.0	46.0	19.0	Callao.....	Cristobal....	General.....	1,370	4,838	2,959
Liberty.....	17	7.00	17	12.07	17	21.30	18	8.05	American...	U. S. and A. Line (S. B.).....	395.0	55.0	25.8	Melbourne....	New York....	Ore, general....	8,575	7,280	5,219
Azumasan Maru	17	11.30	17	13.00	17	22.05	18	1.05	Japanese....	Kyoto Kisen Kabushiki Kaisha..	360.0	48.0	25.0	Antofagasta..	Colon ¹²	Nitrates of soda.	6,422	4,666	3,397
Taiyo Maru....	17	7.30	17	13.02	17	22.40	18	5.15	Japanese....	Kawachi Goshi Kaisha.....	343.0	44.0	23.8	Mejillones....	Azores ¹²	Nitrates.....	4,600	3,661	2,626
Trontolite....	17	3.45	18	6.48	18	16.08	18	16.08	American...	Standard Oil Co.....	419.5	57.2	26.9	Talara.....	Halifax.....	Gasoline.....	8,463	7,345	5,429
Tairoa.....	18	8.30	18	11.27	18	18.47	19	15.05	British.....	Shaw Savill & Albion Co.....	477.6	63.1	24.0	Sydney.....	London.....	Frozen, general..	4,832	11,192	8,149
Annam ⁶	18	10.35	18	13.10	18	20.23	18	22.40	Danish.....	East Asiatic Co.....	410.0	55.2	28.0	San Francisco.	London.....	General.....	8,290	7,069	5,318
Santa Elisa...	19	10.15	19	12.00	19	22.17	19	23.25	American...	W. R. Grace & Co.....	360.3	51.7	24.8	Valparaiso....	New York....	(¹²)	3,781	5,957	4,325
Hayden.....	18	6.49	19	12.42	19	22.26	20	15.55	American...	E. C. Evans & Son (S. B.).....	402.5	53.0	25.2	N. Westminster	Birkenhead...	Lumber.....	6,243	6,525	4,762
City of Para...	20	12.15	21	6.58	21	13.55	.....	.....	American...	Pacific Mail Steamship Co.....	345.0	38.5	18.0	San Francisco.	Cristobal....	Merchandise....	305	3,739	2,459
Des Moines ¹⁰ ..	14	6.30	21	7.29	21	14.21	21	14.21	American...	United States Navy.....	310.0	35.0	16.0	Puntarenas...	New York....	.....	.....	.....	.....
San Francisco ⁶ .	21	2.45	21	8.12	21	16.12	21	21.55	Swedish....	Johnson Line.....	362.0	51.2	23.8	San Francisco.	Liverpool....	General.....	5,200	5,298	4,019
Vulcan ⁵	16	2.00	21	8.20	21	15.10	23	7.47	American...	United States Navy.....	385.0	53.0	22.0	Puget Sound..	Norfolk.....	.....	5,803	3,140	.....
Spes.....	20	21.00	21	8.45	21	16.30	21	20.30	Norwegian..	S. O. Stray & Co.....	226.1	36.5	14.0	Guayaquil....	New York....	Cacao.....	1,350	1,273	857
Chiquimula....	20	7.00	21	9.56	21	18.38	24	6.58	American...	Chiquimula Shipping Co.....	176.3	36.1	14.0	La Union.....	Philadelphia..	(¹³)	716	530	.....
Ionic.....	21	7.00	21	10.06	21	17.45	23	6.18	British.....	White Star Line.....	500.3	63.0	31.0	Wellington....	London.....	General.....	6,100	12,852	9,590
Surrey.....	21	9.30	21	10.13	21	19.25	21	21.55	British.....	Federal Steam Nav. Co. Ltd....	460.0	62.5	24.9	Sydney.....	London.....	Frozen, general..	5,360	10,000	7,285
Los Angeles....	21	21.00	22	8.11	22	14.40	22	17.18	American...	Union Oil Co.....	435.0	56.2	21.0	Tocopilla....	Tampico.....	Ballast.....	7,380	5,195	.....
Eibergen.....	22	2.00	22	8.49	22	16.15	22	18.50	Dutch.....	Furnes Shipping Agency.....	385.0	52.0	23.6	Portland.....	Brake.....	Wheat.....	7,260	5,354	3,839
Balboa.....	22	3.25	22	13.42	22	20.38	.....	.....	American...	Colombian Maritime Co.....	190.0	29.1	15.0	Buenaventura.	Cristobal....	Coffee, hides, etc.	568	741	350

¹⁰ Cruiser.¹¹ For orders.¹² Nitrate of soda, copper, and general.¹³ Old rope, 5,155 pounds; manganese ore, 589 tons.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
January 17...	Heredia.....	United Fruit Co.....	New Orleans.	January 16...	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
January 17...	Bodia.....	Socuska Loyd.....	Colorado.	January 16...	L. J. Drake.....	Standard Oil Co.....	Tampico.
January 17...	Montevideo.....	Spanish Line.....	Habana.	January 18...	Antillian.....	Leyland Line.....	New Orleans.
January 19...	Metapan.....	United Fruit Co.....	New Orleans and way- ports.	January 19...	Montevideo.....	Spanish Line.....	Puerto Colombia.
January 19...	Sixaola.....	United Fruit Co.....	New York via Kingston.	January 19...	Beaver.....	United States Navy.....	High seas.
January 20...	Tivives.....	United Fruit Co.....	Cartagena.	January 19...	Metapan.....	United Fruit Co.....	New Orleans.
January 20...	Cristobal.....	Panama Railroad Steamship Line..	Norfolk.	January 20...	Colon.....	Panama Railroad Steamship Line..	New York.
January 20...	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.	January 20...	Teviot.....	Royal Mail Steam Packet Co.....	Pensacola.
January 20...	Oranje Nassau.....	Royal Netherlands W. I. Mail.....	Amsterdam and wayports	January 20...	Tivives.....	United Fruit Co.....	New York via Kingston.
January 21...	Pastores.....	United Fruit Co.....	New York via way ports.	January 20...	Sixaola.....	United Fruit Co.....	New York, Colombia, and Kingston.

* Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, January 29, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Angamos ¹	21	10.20	23	6.30	23	13.50	25	16.05	Chilean....	Chilean Government.....	377.1	44.3	25.0	Bridgetown...	Valparaiso....	Ammunition, etc.	2,500	4,120	2,286
Sibbald ²	21	9.57	23	6.33	23	14.40	25	16.05	Chilean....	Chilean Government.....	141.7	29.0	15.0	Bridgetown...	Valparaiso....	Ballast.....			
Hermion.....	22	19.15	23	6.40	23	14.39	26	13.01	Norwegian..	Bruusgaard Kiosterud.....	390.0	54.0	16.6	Norfolk.....	Portland.....	Ballast.....	5,746	4,232	
Alvarado.....	23	13.54	24	6.30	24	13.25	24	16.20	American...	Swayne & Hoyt.....	245.0	41.5	15.6	New Orleans..	San Francisco.	General mdse...	2,126	2,122	1,504
Maricopa.....	23	17.05	24	6.30	24	15.25	27	20.00	Norwegian..	W. Wilhelmsen.....	425.0	52.0	27.8	Tampico.....	Tocopilla.....	Crude oil.....	9,500	6,996	5,108
Mantaro.....	17	18.41	24	6.40	24	13.30	24	15.00	Peruvian...	Peruvian Line.....	361.0	46.0	19.0	Cristobal.....	Callao.....	General.....	1,971	4,838	2,959
Lehigh.....	24	6.33	24	7.40	24	15.30	24	16.25	American...	North Atl. & Western Co. (S. B.)	390.0	54.2	19.0	Philadelphia..	Seattle.....	General, steel...	2,318	6,106	4,346
Sapelo.....	24	8.24	24	8.55	24	16.25			American...	United States Navy.....	461.6	60.0	27.0	Port Arthur...	Balboa.....	Fuel oil.....	(*)		
S. C. 285.....			24	13.15	24	17.40			American...	United States Navy.....				Cristobal.....	Balboa.....				
City of Para... ¹	21	13.55	25	6.06	25	14.05	26	16.55	American...	Pacific Mail Steamship Co.....	345.0	38.6	20.7	Cristobal.....	San Francisco.	General.....	3,739	2,459	
Balboa.....	22	20.39	25	6.06	25	13.03	25	17.50	American...	Colombian Maritime Co.....	190.0	29.1	11.9	Cristobal.....	Buenaventura.	General.....	62½	741	350
La Habra.....	25	5.05	25	7.24	25	16.03	27	15.30	Norwegian..	W. Wilhelmsen.....	424.8	57.0	26.2	Tampico.....	Antofagasta...	Crude oil.....	9,200	7,053	5,085
West Katan....	25	8.43	25	9.05	25	16.20	26	1.15	American...	Williams, Dimond & Co. (S. B.)	410.0	54.0	19.0	London.....	Los Angeles...	General.....	1,566	6,573	4,901
Ulysses.....	25	9.12	25	9.30	25	17.45			American...	Panama Railroad Steamship Line	535.0	63.0	29.0	Norfolk.....	Balboa.....	Coal.....	11,998	11,519	6,930
Australic.....	25	8.35	25	10.43	25	17.36	26	0.13	Swedish....	Trans. Atlantic Co.....	381.0	49.0	25.6	Norfolk.....	Lyttleton.....		5,812	5,169	3,736
Chassie Maersk	25	10.36	25	11.55	25	18.45	25	22.03	Danish.....	A. P. Moller.....	362.0	51.0	26.6	Baltimore....	Valparaiso....	Coal and coke...	6,077	4,993	3,473
Walter A. Luckenbach..	25	7.55	25	13.00	25	19.35	25	20.25	American...	Luckenbach Line.....	468.0	56.0	31.0	New York....	Los Angeles...	General.....	7,162	8,785	6,592
Helikon.....	25	12.10	25	13.17	25	20.08	26	1.15	Norwegian..	Bruusgaard Kiosterud.....	270.6	40.1	18.0	Baltimore....	Guayaquil....	Coal.....	1,808	2,304	1,493
Sciota ²			25	8.14	25	15.43			American...	United States Navy.....				Cristobal.....	Balboa.....				
Cuba.....	25	13.56	26	6.05	26	13.24	28	22.20	American...	Pacific Mail Steamship Co.....	307.7	42.2	20.9	Baltimore....	San Francisco.	General.....	2,372	3,429	2,206
Kansas.....	25	23.59	26	7.15	26	15.02	27	1.30	British.....	Ellerman & Bucknall.....	431.0	55.0	27.0	New York....	Brisbane.....	General.....	8,500	7,391	5,747
Hesperos.....	26	6.40	26	8.00	26	15.17	26	16.30	Norwegian..	Bruusgaard Kiosterud.....	390.0	54.0	25.0	Baltimore....	Valparaiso....	Coal.....	6,983	5,693	4,230
Barima.....	10	23.50	26	8.25	26	16.03	26	17.25	British.....	Pacific Steam Navigation Co....	220.0	37.0	13.11	Southampton.	Champerico...	General.....	747	1,651	918
Steelmaker....	26	13.50	26	14.15	26	21.12	26	22.05	American...	United States Steel Products Co.	395.0	55.0	28.0	New York....	San Diego....	General.....	8,600	7,285	5,256
Rosana.....	24	21.55	27	6.06	27	15.06	28	7.37	Costa Rican.	Alberto Fait.....	112.0	25.0	7.0	Cristobal.....	Puntarenas...	Ballast.....		256	152
Mineola.....	26	20.50	27	6.10	27	13.35	27	14.30	American...	W. R. Grace & Co.....	298.6	40.0	20.0	New York....	Talara.....	General.....	2,300	2,835	1,822
Mongolian Prince.....	26	15.16	27	6.29	27	15.12	27	16.12	British.....	Prince Line Limited.....	421.0	56.0	25.3	New York....	Shanghai....	General.....	8,000	6,460	4,735
Margaret Coughlan....	26	10.07	27	6.32	27	14.00	27	15.18	British.....	Canadian Western Co.....	427.0	54.1	15.1	Garston.....	Vancouver....	Ballast.....		6,624	4,999
Lompoc.....	26	20.01	27	7.00	27	16.04	27	19.00	British.....	C. T. Bowring & Co.....	435.0	55.9	27.6	Tampico.....	Tocopilla.....	Fuel oil.....	10,000	7,488	5,342
Arizonan.....	27	12.16	27	12.35	27	19.05	27	20.00	American...	United American Line.....	470.0	57.0	22.4	New York....	Los Angeles...	General.....	4,000		
West Campgaw	27	15.30	28	6.23	28	14.32	29	3.30	American...	Barber Steamship Line (S. B.)...	410.3	54.2	25.0	New York....	Hongkong....	General.....	7,200	6,587	3,452
Jalapa.....	27	20.05	28	6.27	28	15.38			American...	Thorndyke Trenholm Co. (S. B.)	402.6	53.0		Norfolk.....	Balboa.....	Coal.....	8,036	6,580	4,856

¹ Transport.² Tug.

* 72,400 barrels.

Pengreep.....	27	18.26	28	6.30	28	15.25	28	16.50	British.....	R. B. Chellon.....	390.0	52.0	.....	St. Vincent...	Portland.....	Ballast.....	.....	5,247	3,783
Hankow Maru..	28	5.45	28	7.57	28	16.08	28	19.49	Japanese....	Kokusai Kisen Kabushiki Kaisha	345.0	48.0	21.0	New York....	Kobe.....	General.....	2,590	4,215	2,924
Steel Worker...	28	23.30	29	7.05	29	13.45	29	19.16	American....	Isthmian Steamship Lines.....	424.2	56.2	26.0	New York....	San Pedro....	Steel products...	8,350	7,539	5,495
Cecil County...	29	6.18	29	7.35	29	16.27	29	18.57	American....	Colombia Shipping Co. (S. B.)..	450.0	59.0	25.4	Tampico.....	Iquique.....	Crude oil.....	10,000	8,097	5,400
Sandpiper.....	23	5.35	29	7.36	29	14.03	.....	.....	American....	United States Navy.....	187.0	35.0	16.0	High seas....	Balboa.....	.....	.....	.....	.....
George Wash- ington ³	29	3.50	29	7.57	29	15.25	30	15.43	Norwegian..	Peter Olsen.....	425.0	55.0	19.6	Antwerp.....	San Francisco.	General.....	4,831	7,505	5,627
Birmingham City.....	29	7.21	29	12.30	29	20.21	29	21.25	American....	United States Steel Products Co.	395.5	55.0	28.0	New York....	Kobe.....	Rails, plates, etc.	8,165	6,841	4,686
S. C. 285.....	.....	.....	29	11.15	29	14.53	.....	.....	American....	United States Navy.....	.....	.....	.....	Cristobal....	Gatun.....	.....	.....	.....	.....

³ Motor ship.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Lake Fanbush..	22	8.30	23	6.37	23	13.50	23	14.00	American...	N. O. & S. A. S. S. Co.....	251.0	43.6	23.6	Mejillones...	Pensacola....	Nitrate.....	3,610	2,861	1,812
Woodarra.....	22	15.00	23	6.31	23	13.44	23	16.05	British.....	British India Steam Nav. Co....	449.5	58.3	22.6	New Zealand..	Falmouth....	Frozen meat...	3,500	8,209	5,313
Honduras.....	22	17.00	23	7.55	23	15.45	25	9.14	French.....	Cie. Gle. Transatlantique.....	405.0	51.6	23.0	Valparaiso...	Cristobal ⁸ ...	Nitrate.....	6,000	6,020	4,363
Lewis K. Thurlow.....	22	17.30	23	8.14	23	16.35	23	17.45	American...	Crowell & Thurlow.....	313.5	46.1	21.0	Iquique.....	Wilmington...	Nitrate.....	4,415	.....	.....
Charles H. Cramp.....	22	22.20	23	9.05	23	15.37	25	11.11	American...	Atl. Gulf & Pacific S. S. Corp...	404.0	53.9	15.1	Aberdeen....	Baltimore....	General, lumber.	5,687	6,755	4,688
Agron.....	22	8.30	23	12.00	23	20.50	.....	.....	American...	Universal Shipping & Trad. Co..	273.5	49.1	15.0	Iquique.....	Galveston....	Ballast.....	.....	3,273	2,135
Commodore ⁴...	.....	.....	23	8.30	23	20.30	.....	.....	American...	United States Army.....	.....	.....	.....	Balboa.....	Cristobal....	.....	.....	.....	.....
Guernica.....	23	18.10	24	8.04	24	16.30	27	7.20	Spanish.....	Soct. Auxiliar Maritima.....	325.5	46.9	19.6	Taltal.....	Cristobal ⁸	Nitrate.....	4,000	3,791	2,540
Transvaal.....	23	23.00	24	8.06	24	15.40	24	17.13	Danish.....	Orient Steamship Co.....	360.2	51.2	25.0	Mejillones...	Dover ⁸	Nitrate.....	6,518	4,853	3,476
Benjamin Brewster.....	23	22.10	24	9.01	24	16.55	25	3.10	American...	Standard Oil Co. of N. J.....	411.6	53.4	29.8	Vancouver...	Tampico.....	Ballast.....	.....	6,360	4,337
Jamaica.....	24	0.05	24	12.35	24	19.10	.....	.....	British.....	Pacific Steam Navigation Co....	220.0	34.0	12.4	Champerico...	Cristobal....	General.....	228	1,187	622
Rosana ³	24	13.00	24	13.35	24	21.55	27	6.06	Costa Rican.	Alberto Fait.....	112.0	25.0	8.0	Puntarenas...	Cristobal....	Lumber.....	200	256	152
Guatemala.....	24	11.30	24	14.25	24	21.50	.....	.....	British.....	Pacific Steam Navigation Co....	359.3	43.3	15.9	Valparaiso...	Cristobal....	.....	151	4,267	2,790
Stephen R. Jones.....	24	14.15	25	7.21	25	14.35	.....	.....	American...	Crowell & Thurlow.....	354.2	49.0	15.0	Valparaiso...	Cristobal ⁸ ...	Ballast.....	.....	4,627	3,277
San Juan.....	25	5.00	25	10.19	25	16.50	.....	.....	American...	Pacific Mail Steamship Co.....	283.0	37.0	14.6	San Francisco.	Cristobal....	General.....	62.32	2,379	1,593
S. C. 285.....	24	17.40	25	9.35	25	16.40	29	11.15	American...	United States Navy.....	.....	.....	.....	Balboa.....	Cristobal....	.....	.....	.....	.....
Glencarn.....	25	9.15	25	10.21	25	19.10	26	2.45	British.....	R. J. Thomas & Co.....	390.0	50.5	24.6	Iquique.....	Fayal ⁸	Nitrate.....	7,500	.....	.....
Nils.....	25	11.55	25	12.25	25	19.19	25	20.55	Norwegian..	H. L. Meyer & Leif.....	265.0	42.1	10.5	Talara.....	New Orleans..	Ballast.....	.....	2,117	1,404
Sudbury.....	25	17.30	26	6.22	26	13.43	26	13.43	American...	United American Lines, Incorp..	384.8	51.2	23.0	Seattle.....	Philadelphia..	Lumber, general.	4,156	4,017	2,958
Armagh.....	26	0.55	26	7.39	26	14.52	26	17.10	British.....	Union Steamship Co.....	530.5	63.0	28.0	Sydney.....	Liverpool....	Frozen, general.	7,517	12,857	8,665
U. S. S. Sapelo ⁵	24	16.25	27	7.22	27	14.45	29	6.45	American...	United States Navy.....	461.6	60.0	20.0	Balboa.....	Port Arthur...	Ballast.....	.....	8,672	6,499
Bartolo.....	27	0.20	27	8.03	27	15.40	27	19.30	Spanish.....	Astagaraga & Sons.....	324.0	47.1	20.2	Taltal.....	Colon ⁸	Nitrate.....	4,413	3,347	2,429
U. S. S. Gannet ⁶	26	18.40	27	10.12	27	16.55	.....	.....	American...	United States Navy.....	187.0	35.0	13.0	San Diego....	Cristobal....	.....	.....	.....	.....
Aspinet.....	27	9.20	27	11.24	27	18.10	27	23.05	British.....	Standard Transportation Co....	390.0	52.1	13.0	Moji, Japan...	New York....	Ballast.....	.....	5,287	3,837
W. S. Miller...	27	12.40	27	14.54	27	22.10	27	22.10	American...	Standard Oil Co.....	435.0	56.0	28.5	San Francisco.	Paulsboro...	Lubricating oil.	9,576	.....	.....
Iceland.....	26	21.30	27	15.02	27	23.14	27	23.25	American...	U. S. & A. Line.....	400.7	54.2	24.6	Melbourne...	New York....	Wool, general.	6,824	6,528	4,732
Laura C. Hall ⁷	27	16.10	28	6.26	28	14.47	30	6.52	British.....	Pacific Metals Transp.....	81.0	25.6	10.0	Buenaventura.	Cristobal....	Platinum, coffee.	76	130	69
Ulysses.....	25	17.45	28	6.35	28	13.10	30	8.12	American...	Panama Railroad Steamship Line	535.0	63.0	.....	Balboa.....	Norfolk.....	Ballast.....	.....	11,519	6,930
Steel Voyager..	27	1.45	28	6.57	28	13.50	28	13.50	American...	United States Steel Products Co.	395.5	55.0	26.0	San Francisco.	London.....	General.....	5,773	7,285	5,256
Port Napier...	27	23.00	28	8.27	28	15.45	28	17.58	British.....	Commonwealth and Dom. Line.	490.2	61.4	25.8	Melbourne...	London.....	General.....	7,344	10,987	8,165
Miskianza.....	27	22.15	28	8.35	28	15.46	28	16.00	American...	S. McAllister & Bros.....	425.0	57.0	18.3	San Francisco.	Tecomate....	Ballast.....	.....	.....	.....
Pacific.....	27	17.05	28	8.48	28	17.30	30	18.38	Norwegian..	Wilhelm Torkildsen.....	400.0	56.2	23.9	Iquique.....	Europe.....	Nitrate.....	7,723	6,479	4,709

⁴ Launch

⁵ Tanker.

⁶ Mine sweeper

⁷ Motor schooner.

⁸ For orders.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC—continued.

Indian City....	28	10.22	28	12.04	28	20.00	28	21.40	British....	St. Just Steamship Co.....	411.7	54.5	17.0	San Francisco.	United King..	Barley.....	8,625	6,512	4,665
Azeus.....	13	16.53	29	6.50	29	14.42	.....	.....	British....	Anglo-Grecian Steamship Co....	361.0	46.2	23.6	Mejillones....	Newport News	Nitrate.....	5,900	4,510	3,388
Eastern Sword..	27	5.50	29	7.15	29	14.43	.....	.....	American...	Swayne & Hoyt.....	330.3	46.1	20.0	Seattle.....	New Orleans..	Lumber, general.	2,700	.....	.....
Orita.....	28	22.00	29	8.45	29	16.10	.....	.....	British....	Pacific Steam Navigation Co....	485.4	58.2	29.0	Puntarenas...	Liverpool....	General.....	7,450	9,921	6,692
Ascutney.....	29	5.30	29	3.27	29	17.25	30	12.35	American...	Atlantic Adriatic S. S. Co.....	389.0	46.0	26.0	Antofagasta...	U. S. ports...	Nitrate.....	6,300	5,089	3,045
Quillota.....	29	11.00	29	11.34	29	19.35	31	7.26	British....	Pacific Steam Navigation Co....	361.4	46.2	17.5	Guayaquil....	New York....	General.....	458	4,758	2,956
Urubamba.....	29	12.10	29	13.53	29	.....	.....	.....	Peruvian...	Peruvian Steamship Co.....	381.2	45.9	21.6	Callao.....	Cristobal....	Copper, etc.	2,286	4,803	2,951
Astoria ¹	12-14	0.15	29	13.56	(10)	.....	.....	.....	American...	Viking Shipping Co.....	229.4	44.0	20.8	Astoria.....	Philadelphia..	Railroad ties, etc.	(11)	.....	.....
Omega ⁹	12	12.05	29	14.52	.....	.....	.....	.....	Peruvian...	Peruvian Government.....	311.3	43.2	23.0	Callao.....	London.....	Guano.....	4,000	.....	.....

⁹ Bark.¹⁰ Anchored in Gatun Lake.¹¹ 1,493,732 feet B. M.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel	Line.	From—	Date.	Vessel.	Line.	For—
January 20...	Harding ¹²	United States Navy.....	Guantanamo.	January 23...	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
January 19...	Shawmut ¹²	United States Navy.....	Guantanamo.	January 23...	Ajax ²	Curacao Petroleum Co.....	Tampico.
January 24...	Parismina.....	United Fruit Co.....	New Orleans.	January 23...	Cristobal.....	Panama Railroad Steamship Line..	Norfolk.
January 25...	Mamei ¹³	Panama Railroad Steamship Line..	Norfolk.	January 24...	Ancon.....	Panama Railroad Steamship Line..	Norfolk.
January 25...	War Begum.....	Anglo-Saxon Petroleum Co.....	Curacao.	January 25...	Somme ¹	United States Army.....	New York via San Juan.
January 25...	San Bruno.....	United Fruit Co.....	Boston.	January 26...	San Bruno.....	United Fruit Co.....	Port Limon.
January 26...	Abangarez.....	United Fruit Co.....	New Orleans via wayports	January 25...	Abangarez.....	United Fruit Co.....	New Orleans.
January 26...	Cape Breton.....	Lyle Shipping Co.....	London via wayports.	January 27...	Santa Marta.....	United Fruit Co.....	Colombian ports.
January 26...	Santa Marta.....	United Fruit Co.....	New York via Kingston.	January 27...	Parismina.....	United Fruit Co.....	New York via Bocas del Toro, and Habana.
January 26...	Santa Leonora.....	United States Army.....	New York.	January 27...	Jeanne d'Arc ¹⁴	French Government.....	France via wayports.
January 27...	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.	January 27...	War Begum.....	Anglo-Saxon Petroleum Co.....	Curacao.
January 27...	Glen White.....	C. Curran & Bullitt.....	Norfolk.	January 28...	Harding ¹⁴	United States Navy.....	High seas.
January 28...	Gen. W. C. Gorgas..	Panama Railroad Steamship Line..	New York via Haiti.	January 29...	Glen White.....	C. Curran & Bullitt.....	Hampton Roads.
January 28...	Ulua.....	United Fruit Co.....	New York via wayports.	January 29...	Ulua.....	United Fruit Co.....	New York via Port Limon and Habana.
January 29...	Panama.....	Panama Railroad Steamship Line..	New York via Haiti.	January 29...	San Bruno.....	United Fruit Co.....	Boston.
January 29...	San Bruno.....	United Fruit Co.....	Port Limon.	January 29...	Cape Breton.....	Lyle Shipping Co.....	Puerto Colombia.

¹² Destroyer.¹³ Barge.¹⁴ Cruiser.

PORT OF BALBOA.

January 20...	Mugford ¹²	United States Navy.....	San Diego.	.....	.....	.....	.....
January 28...	Cethana ³	Pacific Motor Ship Corp.....	Guayaquil.	.....	.....	.....	.....
January 28...	Gloriana ⁴	Carl K. McFadden.....	David.	.....	.....	.....	.....

* Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, February 5, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Athenic.....	29	13.55	30	6.13	30	13.40	30	14.45	British.....	Shaw, Saville & Albion Co.....	500.0	63.0	27.1	London.....	Wellington....	General.....	6,000	12,896	9,571
Miramar.....	28	14.55	30	6.30	30	15.11	30	16.16	Chilean.....	Sociedad Nac. de Boques.....	341.0	46.7	23.0	Norfolk.....	Arica.....	Coal.....	4,984	3,886	2,747
Laura C. Hall ¹ ..	28	14.47	30	6.52	30	15.10	31	11.24	British.....	Pacific Metals Corporation.....	82.0	25.6	9.6	Cristobal.....	Buenaventura..	General.....	12	130	69
Langton Hall...	30	1.10	30	7.20	30	16.05	31	23.05	British.....	Hall Line, Ltd.....	404.0	54.0	25.6	New York....	Auckland.....	General.....	8,400	7,340	5,554
Chicomoco.....	30	3.35	30	7.25	30	16.43	6	18.37	American...	Barber Steamship Line (S. B.)..	402.0	53.0	28.0	Norfolk.....	Cavite.....	Coal.....	8,081	6,577	4,925
Mina Brea.....	30	13.43	31	6.35	31	15.00	1	16.52	British.....	International Petroleum Co.....	359.7	49.2	25.0	Puerto Lobos.	Pisagua.....	Crude oil.....	5,060	4,437	2,684
Elzasier.....	30	11.26	31	6.37	31	14.24	31	15.55	American...	Lloyd Royal Belge.....	400.0	52.0	21.9	Antwerp.....	Valparaiso....	General.....	4,500	6,091	4,458
Wolverine State	30	16.47	31	10.20	31	17.38	1	20.26	American...	Pacific Mail Steamship Co. (S. B.)	502.1	62.2	21.3	Baltimore....	San Francisco.	General.....	670	12,031	8,495
Peru ²	31	10.47	31	10.57	31	18.45	31	19.40	Danish.....	East Asiatic Steamship Co.....	425.3	55.2	15.0	Copenhagen...	San Francisco.	General.....	1,375	7,404	5,658
Imperoyal.....	31	11.47	31	12.05	31	.....	1	10.29	British.....	Imperial Oil Co.....	249.5	43.7	15.0	Halifax.....	Talara.....	Ballast.....	.....	2,291	1,595
Guatemala.....	24	21.50	31	12.27	31	.....	1	1.25	British.....	Pacific Steam Navigation Co....	359.0	43.0	18.6	Cristobal.....	Valparaiso....	General.....	1,964	4,210	2,744
Quilpue.....	30	8.15	1	10.37	1	17.35	1	21.44	British.....	Pacific Steam Navigation Co....	362.0	46.0	18.6	New York....	Guayaquil....	General.....	210	4,742	3,023
Australplain...	31	14.13	1	6.25	1	13.49	1	14.52	British.....	Commonwealth Government....	385.0	50.0	24.5	Nuevitas.....	Sydney.....	Sugar.....	5,800	4,966	3,655
Melville Dollar.	1	16.40	2	6.40	2	13.55	2	14.55	British.....	Dollar Line.....	370.0	50.0	21.6	New York....	Vancouver....	General.....	3,200	5,153	3,938
Jason ³	1	7.20	2	10.32	2	18.50	2	20.23	American...	United States Navy.....	514.0	65.2	31.8	Philadelphia..	Guam.....	General.....	7,277	.....	.....
Mexico Maru... ⁴	2	10.41	2	11.27	2	20.02	2	21.24	Japanese...	Osaka Shosen Kaisha.....	400.0	57.8	20.1	New Orleans..	Los Angeles...	Cotton, iron....	1,920	6,067	4,230
Caroline Maru... ⁴	2	17.35	3	6.47	3	14.27	3	18.35	Japanese...	Kokusai Kisen Kaisha.....	345.0	48.0	23.2	Newport News	Mollendo.....	Coal.....	4,392	4,216	2,921
San Joaquin.... ⁴	3	3.35	3	7.18	3	16.17	3	18.07	Norwegian..	W. Wilhelmsen.....	425.4	57.1	26.6	Tampico.....	San Pedro....	Crude oil.....	9,600	7,059	5,076
Argyll.....	3	4.00	3	7.42	3	16.25	3	21.03	French.....	Compagnie de Boloe.....	320.0	40.7	24.6	Tampico.....	Santa Rosalia.	Fuel oil.....	3,000	3,141	2,096
Santa Ana.....	2	22.43	3	11.50	3	18.40	3	19.37	American...	W. R. Grace & Co.....	360.0	52.0	26.6	New York....	Valparaiso....	General.....	3,340	5,776	4,081
Vireo ⁴	4	6.55	4	8.39	4	16.05	.....	.....	American...	United States Navy.....	180.0	35.6	.....	Guantanamo..	Balboa.....	.....	.....	.....	.....
Bobolink ⁴	4	6.58	4	8.39	4	16.11	.....	.....	American...	United States Navy.....	180.0	35.6	.....	Guantanamo..	Balboa.....	.....	.....	.....	.....
Suka ⁵	4	7.00	4	8.41	4	16.02	.....	.....	American...	United States Navy.....	149.3	30.0	.....	Guantanamo..	Balboa.....	.....	.....	.....	.....
Chewink ⁴	4	7.02	4	8.41	4	16.14	.....	.....	American...	United States Navy.....	180.0	35.6	.....	Guantanamo..	Balboa.....	.....	.....	.....	.....
Quail ⁴	4	7.05	4	8.43	4	16.21	.....	.....	American...	United States Navy.....	180.0	35.6	.....	Guantanamo..	Balboa.....	.....	.....	.....	.....
Rail ⁴	4	7.15	4	8.43	4	16.17	.....	.....	American...	United States Navy.....	180.0	35.6	.....	Guantanamo..	Balboa.....	.....	.....	.....	.....
Gudrun Maersk ⁴	4	2.30	4	10.48	4	18.35	4	20.10	Danish.....	A. P. Moller.....	362.0	51.0	26.0	Norfolk.....	Mejillones....	Coal.....	6,585	4,961	3,477
Montemar.....	31	20.00	4	12.55	4	21.10	4	22.08	Chilean.....	National Steamship Co.....	198.0	30.0	14.0	Rochester....	Valparaiso....	Cement.....	650	867	452
Jamaica.....	24	19.10	4	13.30	4	21.05	4	10.22	British.....	Pacific Steam Navigation Co....	220.0	34.0	12.0	Cristobal.....	Champerico...	General.....	297	1,187	622
Urubamba.....	29	21.25	5	6.00	5	13.47	5	17.05	Peruvian...	Peruvian Line.....	381.3	41.1	19.1	Cristobal.....	Callao.....	General.....	917	4,803	2,951
San Juan.....	25	16.50	5	6.09	5	13.47	5	19.00	American...	Pacific Mail Steamship Co.....	283.0	37.0	16.6	Cristobal.....	San Francisco.	General.....	795	2,379	1,593
S. C. T. Dodd.. ⁴	4	20.37	5	6.23	5	16.19	7	10.44	American...	Standard Oil Co.....	426.0	57.0	27.6	Baton Rouge..	Honolulu....	Oil and gasoline.	8,500	7,762	5,380
Matinicock.... ⁴	29	8.10	5	9.07	5	18.35	5	19.35	American...	Standard Oil Co.....	459.0	51.0	27.6	Tuxpan.....	Ioco, B. C....	Crude oil.....	10,000	8,171	6,379
Tredenham.....	5	8.32	5	9.40	5	18.45	5	19.53	British.....	Hain Steamship Co.....	499.7	62.2	27.6	Norfolk.....	Wellington....	Coal.....	9,900	.....	.....
Oriana.....	4	17.33	5	10.25	5	19.30	5	20.25	British.....	Pacific Steam Navigation Co....	465.0	56.0	22.6	Liverpool....	Coronel.....	General.....	2,920	8,620	5,345
Belen Quezada ¹	5	1.55	5	12.05	5	20.28	6	16.30	Panamanian	E. R. Clare.....	213.7	32.6	15.3	Savannah....	Puntarenas...	Coal, gasoline...	1,500	1,143	930

¹ Motor schooner.² Motor ship.³ Collier.⁴ Mine sweeper.⁵ Tug.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Betsy Bell.....	19	10.37	30	6.39	39	14.35	31	15.24	American...	Williams, Dimond & Co. (S. B.)...	402.6	53.2	.....	Balboa.....	Norfolk.....	Ballast.....	6,566	4,790
Edward Pierce.....	29	18.30	30	7.47	30	16.00	30	17.25	American...	Crowell & Thurlow.....	354.2	49.0	25.0	Iquique.....	Charleston....	Nitrate.....	6,414	4,591
Sandpiper ⁴	29	14.03	30	11.40	30	17.07	.....	.....	American...	United States Navy.....	187.0	35.0	.....	Balboa.....	Cristobal.....	.....	.....	.....
Lock City ⁶.....	.....	.....	30	.....	30	.....	.....	.....	American...	W. C. Hyler.....	30.2	8.4	2.0	Balboa.....	Gatun.....	.....	.....	.....
Golden Gate ⁷	29	16.00	31	8.32	31	18.20	1	14.11	American...	James Rolph.....	293.3	42.9	22.7	San Francisco.	Runcorn.....	Barley.....	3,200	2,380
Manavi.....	31	18.00	1	7.09	1	14.30	6	9.50	British.....	Pacific Steam Navigation Co....	216.0	35.1	15.0	Guayaquil....	Cristobal.....	Produce.....	535	1,357
Booral.....	1	9.10	1	10.36	1	17.52	1	20.30	British.....	Commonwealth Government....	385.0	50.1	18.0	Sydney.....	London.....	Cold storage...	4,000	5,544
Viborg.....	1	10.30	1	11.57	1	20.20	1	22.03	Danish.....	C. K. Hansen.....	283.0	42.2	19.5	Iquique.....	Nykoebing....	Nitrate.....	3,160	2,578
S. V. Harkness..	10	2.50	1	13.14	1	20.32	1	22.54	American...	Standard Oil Co.....	419.5	57.2	15.6	Antofagasta..	Tampico.....	Ballast.....	7,443	5,545
Orbita.....	1	12.50	1	15.30	1	23.58	2	15.40	British.....	Pacific Steam Navigation Co....	550.3	67.3	30.6	Talcahuano....	Liverpool....	General.....	6,512	16,822
Begona No. 1....	1	13.30	2	6.36	2	16.30	2	16.30	Spanish.....	José de Urquijo.....	330.0	47.1	22.0	Caleta Colosa.	Hampton Rds.	Nitrate.....	5,289	3,795
Potosi.....	1	16.25	2	6.41	2	16.20	3	8.49	British.....	Pacific Steam Navigation Co....	381.0	49.0	24.9	Tocopilla.....	Europe.....	Nitrate of soda..	5,819	5,567
Essequibo.....	2	1.15	2	7.59	2	17.15	3	10.51	British.....	Royal Mail Steam Packet Co....	450.3	57.8	23.0	Valparaiso....	New York....	General.....	1,881	9,037
Santa Luisa.....	2	4.30	2	8.40	2	17.51	2	18.38	American...	W. R. Grace & Co.....	360.2	51.6	24.0	Valparaiso....	New York....	Nitrate.....	4,150	5,694
Mexican.....	2	3.00	2	9.00	2	18.45	2	18.48	American...	American-Hawaiian Line.....	472.3	57.2	25.0	Los Angeles...	Philadelphia..	Lumber, general.	6,680	9,184
Putney.....	1	23.00	2	9.33	2	21.05	3	10.35	British.....	Britain Steamship Co.....	340.2	45.0	21.0	Taltal.....	Bilbao.....	Nitrate.....	4,700	3,504
Yalza.....	2	7.00	2	9.47	2	19.32	2	19.32	American...	N. Atl. & West. S. S. Co. (S. B.)	400.7	54.2	23.1	San Francisco.	Philadelphia..	Lumber, general.	7,196	6,529
Karen Rogenaes	2	7.50	2	11.01	2	21.10	3	12.08	Norwegian..	N. Rogenaes.....	293.0	44.0	19.0	Tocopilla.....	New York....	Copper, etc.....	3,434	2,666
Eretza Mendi...	2	8.30	2	11.20	2	22.35	3	9.45	Spanish.....	Naviera Sota & Aznar.....	365.0	50.3	21.5	Caleta Colosa.	Azores ⁹	Nitrate.....	5,850	4,449
Ethelstan.....	2	9.35	2	11.29	2	21.30	3	1.57	British.....	Rhondda Merthyn S. S. Co.....	340.1	47.1	24.0	Caleta Buena.	Azores ⁹	Nitrate of soda..	6,000	4,310
William E. Bur-	1	19.30	2	13.20	2	23.02	.....	.....	American...	Whitney & Bodden.....	190.9	38.4	16.8	Taltal.....	Matanzas.....	Nitrate.....	1,003	785
ham.....	2	18.30	3	6.35	3	13.10	6	6.12	British.....	Pacific Steam Navigation Co....	215.7	33.5	14.6	Tumaco.....	Cristobal.....	Coffee, hides, etc	592	1,273
Acajutla.....	2	23.45	3	7.47	3	16.00	3	18.25	British.....	Commonwealth and Dom. Line..	450.3	55.3	23.0	Sydney.....	London.....	Frozen, general..	5,151	8,313
Port Chalmers..	2	20.00	3	8.06	3	16.45	3	20.15	British.....	W. R. Smith & Sons.....	408.0	53.6	24.0	Portland.....	Hamburg.....	Wheat.....	8,400	5,682
Orient City.....	2	13.43	3	8.30	3	17.42	.....	.....	American...	U. S. & Australian S. S. Co. (S.B.)	395.0	55.0	.....	Balboa.....	New Orleans..	Ballast.....	7,277	5,170
Marne.....	(*)	6.30	3	9.28	3	19.00	4	1.12	British.....	New Zealand Shipping Co.....	460.0	58.2	21.6	Wellington....	London.....	General, meat....	4,620	9,194
Kaikoura.....	3	0.40	3	10.25	3	19.10	3	19.10	American...	Standard Oil Co.....	425.8	57.0	27.6	Los Angeles...	New York....	Gas, oil.....	8,663	.....
M. F. Ellicott..	3	12.38	3	14.04	.....	.....	.....	.....	American...	The Panama Canal.....	110.0	20.0	.....	Balboa.....	Gatun Lake....	.....	.....	.....
Gold Star ⁸	31	0.01	4	6.34	4	15.00	.....	.....	British.....	Pacific Steam Navigation Co....	215.0	33.0	12.8	Champerico...	Cristobal.....	General.....	144	1,213
Salvador.....	4	2.30	4	8.29	4	18.00	5	6.05	American...	Standard Oil Co.....	462.4	60.2	20.0	Vancouver....	Baton Rouge..	Ballast.....	7,300	5,816
W. H. Libby....	4	14.16	5	6.53	5	16.45	5	18.45	British.....	Pacific Steam Navigation Co....	400.1	52.3	25.6	Valparaiso....	Antwerp.....	Nitrate.....	7,378	6,932
Ballena.....	4	17.30	5	7.07	5	17.30	5	17.30	American...	Williams, Dimond & Co. (S. B.)...	402.6	54.8	27.0	Portland.....	Hamburg.....	General.....	6,900	5,718
Effingham.....	4	20.40	5	7.29	5	18.35	5	20.05	British.....	Alfred Holt & Co.....	410.0	49.3	25.8	San Francisco.	London.....	General.....	406	741
Eurydamas.....	4	6.45	5	8.27	5	19.05	7	11.00	American...	Colombian Maritime Co.....	190.0	29.1	13.6	Buenaventura.	Cristobal.....	Coffee, fruits....	406	741
Balboa.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

⁶ Launch. ⁷ Bark. ⁸ Steam launch. ⁹ For orders. * July 3, 1920. Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
January 30...	Achilles ¹⁰	Panama Railroad Steamship Line..	Norfolk.	January 30...	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
January 31...	Cartago.....	United Fruit Co.....	New Orleans.	January 30...	Mamei ¹¹	Panama Railroad Steamship Line..	Norfolk.
February 2...	Atenas.....	United Fruit Co.....	New Orleans and way- ports.	January 31...	Gen. W. C. Gorgas....	Panama Railroad Steamship Line..	Colombian ports.
				January 31...	Santa Leonora ¹²	United States Army.....	New York and Porto Rico.

¹⁰ And barge *Darien*.

¹¹ Barge.

¹² Transport.

(Continued on page 376, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, February 12, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Caribbean.....	3	13.33	6	6.10	6	14.24			American...	Panama Railroad Cattle Industry	288.0	47.6	15.0	Cartagena....	Balboa.....	Ballast.....		2,354	478
Spain Maru....	5	19.12	6	6.37	6	14.35	6	15.25	Japanese...	Kawaski Kisen Kaisha.....	385.0	51.0	26.0	Newport News	Coquimbo....	Coal.....	7,181	5,924	4,392
Crosby Hall....	5	18.50	6	6.46	6	15.25	6	16.30	British.....	Ellerman Line.....	364.0	46.0	24.7	Glasgow.....	Auckland.....	General.....	7,080	4,288	3,139
Honolulu Maru.	6	12.50	6	7.18	6	16.03	6	17.14	Japanese...	Osaka Shosen Kaisha.....	407.3	50.0	26.6	New York.....	Hongkong....	General.....	6,200	6,250	4,350
Wawalona.....	6	12.27	6	7.40	6	17.22	7	11.00	American...	Pacific Steamship Co. (S. B.)...	401.0	53.2	26.7	Norfolk.....	Pearl Harbor..	Coal.....	8,400	6,611	4,793
Manavi.....	1	14.30	6	9.50	6	17.50	7	1.50	British.....	Pacific Steam Navigation Co....	216.0	35.0	11.6	Cristobal....	Guayaquil....	Ballast.....		1,357	884
Patriot ¹	6	17.32	7	6.09	7	12.31	8	17.35	British.....	Canadian Government.....	266.0	27.6	10.0	Trinidad....	Corinto.....				
Patrician ¹	6	17.43	7	6.12	7	12.36	8	17.35	British.....	Canadian Government.....	266.0	27.6	12.4	Trinidad....	Corinto.....				
Ebro.....	6	7.35	7	6.30	7	14.15	7	17.20	British.....	Pacific Steam Navigation Co....	450.0	57.0	25.6	New York....	Valparaiso....	General.....	3,086	9,089	6,215
Haughland....	6	16.20	7	6.43	7	16.59	8	18.53	Norwegian..	Rogenaes.....	325.0	47.0	21.0	Norfolk.....	Mejillones....	Coal.....	3,649	3,386	2,235
Rio Grande....	6	18.09	7	8.00	7	15.38	7	16.25	Norwegian..	Nordenfildske Steamship Co....	360.0	52.0	17.0	Baltimore....	San Francisco.	Ballast.....		5,137	3,767
Benowa.....	7	8.15	7	9.05	7	22.58	8	18.53	American...	Pacific Mail Steamship Co.....	268.0	48.0	26.0	Norfolk.....	Bremerton....	Coal.....	3,850	3,159	2,472
Arabian.....	6	19.48	7	9.30	7	18.19	8	0.20	Danish.....	Orient Steamship Co.....	385.0	53.0	28.6	Newport News	Valparaiso....	Coal.....	7,367	6,008	4,665
Balboa.....	5	19.05	7	11.00	7	19.32	8	0.20	American...	Colombian Maritime Co.....	190.0	29.0	11.6	Cristobal....	Buenaventura.	Ballast.....		741	350
Aurora ²	6	17.14	7	11.40	7	19.34	8	17.47	British.....	Canadian Government.....	436.0	39.0	16.0	Trinidad....	Corinto.....				
Singapore Maru	7	8.25	8	6.38	8	14.50	10	11.31	Japanese...	Kokusai Kisen Kabushiki Kaisha	385.0	51.0	26.8	Pensacola....	Auckland.....	Case oil.....	8,000	5,914	4,389
Sherman.....	7	20.50	8	6.45	8	14.20	8	16.90	American...	Sherman Steamship Co.....	400.0	45.0	25.0	Baltimore....	Antofagasta...	Structural iron..	4,186	5,037	3,492
Los Angeles....	8	6.20	8	8.02	8	16.06	9	1.13	American...	Union Oil Co.....	435.0	56.0	30.0	Puerto Lobos..	Los Angeles...	Oil.....	11,000	7,390	5,195
Herakles.....	8	7.28	8	9.45	8	17.39	8	18.53	Norwegian..	Bruusgaard Kiosterud.....	390.0	54.0	25.0	Jacksonville..	Arica.....	Coal.....	7,078	5,680	4,220
Angelo Toso...	7	16.38	8	10.48	8	18.45	9	23.58	Italian....	Lorieta Hauale.....	399.0	52.5	19.1	Genoa.....	Valparaiso....	General.....	1,800	6,379	4,659
Faxen.....	8	18.06	9	6.24	9	14.00	9	15.22	Swedish....	Trans.-Atlantic Steamship Co...	353.0	50.7	22.1	Galveston....	Sydney.....	Sulphur.....	5,500	4,404	2,807
Frederick Luckenbach.....	8	14.51	9	6.35	9	14.45	9	16.48	American...	Luckenbach Line.....	317.5	40.2	21.1	Philadelphia..	San Francisco.	General.....	3,500	2,986	2,091
Saint Louis....	4	23.05	9	6.55	9	15.31	10	17.10	French.....	French Line.....	396.0	49.2	23.0	Hamburg.....	Valparaiso....	General.....	2,500	5,857	4,166
Elkridge.....	9	3.30	9	8.06	9	16.27	9	17.28	American...	Pacific Mail Steamship Co. (S.B.)	402.0	55.0	26.0	Newport News	Tiburon.....	Coal.....	8,256	6,928	5,102
Ruapehu.....	8	17.55	9	9.15	9	17.28	9	18.28	British.....	New Zealand Shipping Co.....	457.0	58.0	23.1	London.....	Dunedin.....	General.....	4,195	9,009	6,779
Alsace.....	9	6.35	9	10.17	9	18.32	9	19.36	French.....	A. D. Bordez.....	400.0	52.0	18.0	Newport News	Iquique.....	Ballast.....		5,879	4,156
Eagle.....	9	7.25	9	10.45	9	20.05	9	21.07	American...	Standard Oil Co.....	410.0	56.0	28.0	Norfolk.....	San Diego....	Coal.....	8,354	8,243	6,266
D. G. Schofield.	9	9.40	9	11.22	9	20.38	9	22.45	American...	Standard Oil Co.....	439.0	58.0	27.0	Tampico.....	San Francisco.	Oil.....	10,000	8,912	6,254
Milan Maru....	9	12.07	9	12.32	9	21.25	10	1.47	Japanese...	Kokusai Kisen Kabushiki Kaisha	400.0	53.0	26.6	Newport News	San Antonio..	Coal.....	6,955	5,886	4,303
Baarn.....	8	12.25	9	12.58	10	11.10	10	21.09	Dutch.....	Royal Netherlands W. I. Mail..	400.0	52.0	18.0	Amsterdam...	Antofagasta...	General.....	2,465	6,982	5,466
Benjamin Brewster.....	10	3.50	10	7.34	10	20.55	11	5.40	American...	Standard Oil Co.....	411.6	53.4	28.6	Tuxpan.....	Pisagua.....	Crude oil.....	7,000	6,360	4,337
Waimate.....	9	21.55	10	10.19	10	17.45	10	18.46	British.....	New Zealand Shipping Co.....	420.0	54.0	27.0	Avonmouth...	Auckland.....	General.....	4,833	7,198	5,425
Point Judith...	9	16.02	10	11.16	10	18.45	11	2.20	American...	Pacific Mail Steamship Co.....	289.0	44.0	17.6	Baltimore....	San Francisco.	General mdse...	2,234		
Kinderdijk.....	10	9.09	10	11.55	10	19.48	10	9.09	Dutch.....	Holland-American Line.....	469.0	58.0	17.0	Hamburg.....	Los Angeles...	General.....	750	8,515	6,068

¹ H. M. S. destroyer.² H. M. S. cruiser.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, February 19, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Cauca.....	7	18.00	13	6.15	13	13.50	13	15.05	British.....	Pacific Steam Navigation Co....	246.0	35.0	13.6	Cristobal.....	Guayaquil....	General.....	198	1,592	1,023
Geddington Court.....	12	13.10	13	6.25	13	14.33	13	15.50	British.....	Haldin & Co.....	374.0	51.0	23.8	New York....	Yokohama....	General.....	6,254	5,055	3,602
Orani.....	12	17.33	13	6.37	13	14.52	13	16.08	American...	Williams, Dimond & Co. (S. B.)..	402.0	53.1	18.6	Havre.....	Los Angeles...	General.....	1,650	6,577	4,954
Willpolo.....	13	1.00	13	8.00	13	15.43	13	16.53	American...	Williams Steamship Co.....	386.0	52.0	25.6	New York....	Los Angeles...	General.....	7,223	5,680	4,112
San Francisco ¹	13	7.50	13	8.30	13	16.22			American...	United States Navy.....	327.0	49.0	23.0	Curacao.....	Balboa.....				
Mallard ²	13	8.10	13	8.30	13	16.26			American...	United States Navy.....	187.0	38.0	19.0	Curacao.....	Balboa.....				
Murray ³	12	7.45	13	8.48	13	16.27			American...	United States Navy.....	315.0	30.0	12.0	Curacao.....	Balboa.....				
Mahan.....	12	7.55	13	8.48	13	16.28			American...	United States Navy.....	315.0	30.0	12.0	Curacao.....	Balboa.....				
Aroostook ⁴	6	5.18	13	10.15	13	17.49			American...	United States Navy.....	489.0	52.0	19.6	Santiago.....	Balboa.....				
Genoa Maru.....	13	1.25	13	10.57	13	19.14	13	20.35	Japanese....	Nippon Yusen Kabushiki Kaisha	425.0	53.8	28.0	New York....	Shanghai....	General.....	8,655	6,897	5,063
Santa Tecla.....	12	23.48	13	11.55	13	19.43	13	21.42	American...	W. R. Grace & Co.....	299.0	40.0	21.1	New York....	Callao.....	General.....	2,550	2,835	1,827
Palm Branch... ⁵	13	6.30	13	13.15	13	21.27	14	12.33	British.....	F. & W. Ritson.....	360.0	45.0	22.8	London.....	Corral.....	General.....	3,740	4,161	3,133
Lark ²	13	14.37	14	6.31	14	13.10			American...	United States Navy.....	187.0	38.0	16.0	Curacao.....	Balboa.....				
Atlantica.....	13	16.05	14	6.40	14	14.57	14	16.15	French.....	French Government.....	378.1	52.3	22.9	Charleston...	Caldera.....	Coal.....	5,206	5,145	3,741
Gannett ²	1-27	16.55	14	9.50	14	15.56			American...	United States Navy.....	187.0	35.0		Cristobal.....	Balboa.....				
Pearl Shell.....	14	9.20	14	13.02	14	21.27	14	22.37	American...	Pearl Shell Co.....	411.6	53.4	25.2	Port Arthur...	Shanghai....	Kerosene.....	7,471	6,056	4,561
Acajutla.....	12	6.15	15	6.00	15	13.03	15	18.10	British.....	Pacific Steam Navigation Co....	215.7	33.5	16.9	Cartagena....	Tumaco.....	General.....	835	1,273	706
Nanna Stub... ⁶	14	13.20	15	6.28	15	14.12	15	15.35	Norwegian..	Charles Stub.....	332.0	42.0	24.0	New York....	Sydney.....	Case oil.....	4,850	4,328	3,273
Nils.....	15	6.15	15	7.25	15	15.23	15	16.50	Norwegian..	Mayer & Leif Steamship Co. ...	265.0	42.1	17.0	New Orleans..	Talara.....	Iron pipes....	1,800	2,117	1,404
Eagle No. 4 ⁵ ...			15	10.55	16	9.46			American...	United States Navy.....				Cristobal.....	Balboa.....				
Santa Elisa.....	15	16.49	16	6.05	16	12.55	16	14.05	American...	W. R. Grace & Co.....	360.5	51.7	23.9	New York....	Valparaiso...	General.....	2,591	5,957	4,325
Laura C. Hall ⁶ ...	14	17.55	16	6.18	16	14.21	17	18.05	British.....	Pacific Metals Corporation.....	81.0	25.6	9.6	Cristobal.....	Buenaventura.	General.....	15½	130	69
Australind.....	15	21.47	16	6.26	16	14.31	16	15.35	British.....	Trinder Anderson.....	395.0	50.0	25.5	Newport News	Wellington...	Coal.....	4,938	5,654	4,167
Europa.....	13	13.28	16	7.38	16	15.21	16	16.39	Italian.....	La Veloce Line.....	454.7	53.4	24.6	Genoa.....	Valparaiso...	General.....	660	8,052	4,915
Yayoi Maru... ⁷	16	6.50	16	8.45	16	16.24	17	0.45	Japanese....	Kokusai Kisen Kabushiki Kaisha	400.0	53.0	25.6	Newport News	San Antonio...	Coal.....	6,824	5,869	4,286
Advance.....	13	20.26	16	11.15	16	17.50	17	0.10	American...	Panama Railroad Steamship Line	295.0	38.0	15.3	New York....	Guayaquil....	General.....	475	2,947	2,113
S. V. Harkness.	16	11.02	16	11.30	16	19.40	18	0.07	American...	Standard Oil Co.....	419.0	57.2	26.0	Tampico.....	Pisagua.....	Crude oil.....	8,518	7,443	5,545
Gorala.....	16	8.35	16	12.07	16	20.25	16	21.55	British.....	British India Steam Nav. Co....	400.0	52.3	26.4	New Orleans..	Freemantle...	General.....	6,156	5,762	4,097
Australmount..	16	14.58	17	6.39	17	14.52	17	16.15	British.....	Australian Government.....	376.0	52.0	23.0	Pala Alto....	Sydney.....	Sugar.....	5,560	4,777	3,520
City of Alameda.....	17	6.50	17	7.54	17	15.35			American...	Columbus Shipping Co. (S. B.)..	435.0	56.0	26.0	Baton Rouge..	Balboa.....	Crude oil.....	8,900	7,614	5,326
Cara ⁷	17		17	6.37	17	14.53	17	16.00	American...	Maj. G. L. Fitzwilliams.....	45.0	9.0	3.4	Colon.....	Panama.....	Ballast.....		9	9
Rosana ⁸	16	19.08	18	9.48	18	17.39	19	13.25	Costa Rican.	Alberto Fait.....	112.0	25.0	6.6	Cristobal.....	Puntarenas...	Ballast.....		256	152
Hokkai Maru..	18	12.05	18	11.25	18	19.05	18	20.13	Japanese....	Taisho Kaiun Kaisha.....	369.0	49.0	24.0	New York....	Dairen.....	Oil.....	5,542	4,823	3,462
Owl ⁹	18	10.15	18	11.25	18	19.25			American...	United States Navy.....	187.0	36.0	13.0	Hampton Rds.	Balboa.....				

¹ Mine layer.² Mine sweeper.³ Destroyer.⁴ Aircraft tender.⁵ Subtender.⁶ Motor schooner.⁷ Launch.⁸ Motor ship.⁹ Tug and barges Nos. 275 and 281.

Newport.....	11	17.30	19	6.16	19	13.43	19	23.25	American...	Pacific Mail Steamship Co.....	326.0	38.2	16.6	Cristobal.....	San Francisco.	General.....	.....	3,173	2,163
Partridge ¹⁰	18	18.32	19	7.22	19	15.45	.....	.....	American...	United States Navy.....	185.0	35.0	.....	Cristobal.....	Balboa.....	.....	.....	.....	.....
Sonoma ¹¹	19	19.23	19	8.55	19	18.46	.....	.....	American...	United States Navy.....	.....	.....	.....	Cristobal.....	Balboa.....	.....	.....	.....	.....
Mulpua.....	19	8.39	19	9.05	19	18.02	19	23.25	American...	Barber Line (S. B.).....	402.6	53.0	27.0	New York....	Honolulu....	General.....	.....	6,542	4,859
Easterling.....	19	2.51	19	12.35	19	20.20	19	21.50	American...	Barber Line (S. B.).....	384.3	51.2	27.8	Philadelphia...	Hongkong....	Oil.....	.....	5,967	4,449

¹⁰ Tug, towing barges Nos. 285 and 316.

¹¹ Tug, towing subchaser No. 288.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Strinda.....	12	20.00	13	6.37	13	18.55	13	21.30	Norwegian..	J. Ludwig Mowinkel.....	439.5	57.0	25.6	Antofagasta...	Cristobal ¹³ ...	Nitrate of soda..	10,500	7,411	5,066
Crisfield.....	12	16.00	13	6.59	13	17.43	14	12.57	American...	American Metal Transp. Co (S.B.)	402.6	54.8	26.6	Antofagasta...	St. Thomas ¹³ ...	Nitrate.....	8,830	6,932	5,100
Jupiter.....	13	11.25	13	12.08	13	19.50	13	21.00	Spanish.....	Cia. Anon Maritime Union.....	389.2	52.1	23.0	Iquique.....	Dunkirk.....	Nitrate.....	7,021	5,223	3,994
Imperoyal.....	13	15.10	14	6.35	14	14.44	14	17.55	British.....	Imperial Oil Co.....	249.5	43.1	21.0	Talara.....	Halifax.....	Peruvian gasoline	2,659	2,291	1,595
Laura C. Hall ⁶	13	16.47	14	9.11	14	17.55	16	6.18	British.....	Pacific Metals Corp.....	81.0	25.6	9.6	Buenaventura.	Cristobal.....	Platinum.....	(¹⁴)	130	69
Mahan ³	13	16.28	14	9.32	14	17.24	19	1.40	American...	United States Navy.....	315.0	30.0	12.0	Balboa.....	Cristobal.....	.....	.....	.....	.....
Murray ³	13	16.27	14	9.44	14	17.29	19	3.20	American...	United States Navy.....	315.0	30.0	12.0	Balboa.....	Cristobal.....	.....	.....	.....	.....
Ohioan.....	14	9.40	14	10.33	14	19.07	14	19.07	American...	United American Line.....	407.7	53.7	24.3	Seattle.....	New York....	General.....	5,641	7,106	5,066
West Norranus.	14	12.25	14	14.46	14	22.12	15	2.45	American...	Thorndyke-Trenholm Co. (S. B.)	410.5	54.3	25.0	Tacoma.....	Cristobal ¹³ ...	Wheat.....	6,658	.....	.....
Wilhelm ⁷.....	.....	.....	14	.....	14	.....	.....	.....	American...	United States Army.....	.....	.....	.....	Balboa.....	.....	.....	.....	.....	.....
Hampstead Heath.....	15	7.05	15	9.11	15	17.20	17	11.52	British.....	Steam Nav. Co. of Canada.....	450.0	52.5	26.0	Caleta Buena.	Hampton Rds.	Nitrate.....	7,900	6,729	4,828
Helikon.....	15	9.00	15	10.35	15	17.50	15	22.00	Norwegian..	Bruusgaard Kisterud & Co.....	270.6	40.1	15.0	Buenaventura.	New York....	Cacao, coffee, etc.	832.58	2,304	1,493
Osaqumsick....	14	10.45	15	10.53	15	19.55	15	19.55	American...	Pacific Steamship Co. (S. B.)....	401.9	53.1	27.0	Portland.....	Cristobal ¹³ ...	Wheat.....	7,402	.....	.....
Barima.....	15	12.10	15	13.31	15	20.02	.....	.....	British.....	Pacific Steam Navigation Co....	220.5	37.1	11.7	Champerico...	Cristobal.....	General.....	196	1,651	918
Rosana.....	16	1.20	16	9.00	16	19.08	18	9.48	Costa Rican.	Alberto Fait.....	112.0	25.0	8.0	Puntarenas...	Cristobal.....	Logs and sugar..	181	256	152
Canadian Trooper.....	16	4.15	16	9.35	16	18.51	16	20.33	British.....	Canadian Govt. Merch. Marine.	320.0	44.2	20.1	Taltal.....	Dover, Eng...	Nitrate.....	3,500	3,213	2,019
Thomas H. Wheeler.....	16	6.05	16	10.51	16	19.40	16	23.59	American...	Standard Oil Co.....	425.8	57.0	27.6	San Francisco.	New York....	Gas oil.....	10,000	7,760	5,334
Sorata.....	16	6.45	16	8.00	16	17.18	16	20.15	British.....	Pacific Steam Navigation Co....	390.0	47.3	25.0	Valparaiso....	Greenock....	Borax, sugar....	4,758	4,782	3,336
Chancellor.....	16	8.00	16	12.27	16	23.10	17	2.07	British.....	T. & J. Harrison.....	384.0	52.0	21.2	San Francisco.	United King..	General.....	5,635	5,370	3,789
Pomona.....	16	22.00	16	15.16	16	0.25	17	6.30	American...	Williams, Dimond & Co. (S. B.)..	440.0	56.0	30.0	Seattle.....	Liverpool....	General.....	9,281	8,300	6,026
San Francisco..	13	16.22	16	8.56	16	17.08	.....	.....	American...	United States Navy.....	377.0	48.0	23.0	Balboa.....	Cristobal.....	.....	.....	.....	.....
Lark.....	14	13.10	16	8.59	16	18.40	20	19.53	American...	United States Navy.....	187.0	38.0	16.0	Balboa.....	Cristobal.....	.....	.....	.....	.....
Sapelo ¹²	12	14.08	16	11.03	16	20.25	16	20.25	American...	United States Navy.....	461.6	60.0	.....	Balboa.....	Port Arthur...	.....	.....	.....	.....
Sumatra Maru.	16	9.15	16	12.21	16	21.14	16	21.14	Japanese...	Osaka Shosen Kaisha.....	385.0	51.0	17.0	Calcutta.....	New Orleans..	General.....	1,878	5,909	4,416
Santa Teresa...	16	12.55	16	1.30	16	22.08	16	23.15	American...	W. R. Grace & Co.....	360.2	51.6	24.0	Valparaiso....	New York....	Nitrate.....	3,800	5,726	4,086
Eagle No. 4....	16	22.04	16	14.24	16	15.37	21	10.00	American...	United States Navy.....	200.0	25.0	11.11	Balboa.....	Cristobal.....	.....	.....	.....	.....
Junin.....	16	13.50	16	14.38	16	0.05	17	3.31	British.....	Pacific Steam Navigation Co....	391.9	50.2	25.0	Valparaiso....	London.....	General.....	5,314	5,930	4,395
Mobile City....	16	14.00	17	7.38	17	15.48	17	22.19	American...	United States Steel Products Co.	395.5	56.0	27.0	San Francisco.	London.....	Wheat, etc.....	7,575	7,285	5,256
Clyde Maru....	16	19.05	17	8.32	17	16.31	17	19.15	Japanese...	Kokusai Kisen Kabushiki Kaisha	400.0	53.0	26.2	Taltal.....	Ham'ton Rds. ¹³	Nitrate.....	7,774	5,868	4,324
Montrolite.....	17	8.00	17	10.34	17	18.25	17	20.40	American...	Standard Oil Co.....	419.6	57.2	19.6	Vancouver....	Tampico.....	Ballast.....	.....	7,378	5,476
Borgland.....	17	20.00	18	7.04	18	15.57	18	15.57	Norwegian..	Peter Olsen.....	362.0	51.5	24.0	San Francisco.	Christiania...	Barley, etc.....	6,000	5,274	3,886
West Isleta....	17	22.28	18	8.20	18	16.26	18	16.26	American...	North Atl. & Western S.S. Co. S.B.	409.8	54.2	23.0	Seattle.....	Philadelphia..	Railroad ties, etc	4,831	6,759	4,785
Ardmore.....	17	23.00	18	9.04	18	18.10	19	7.13	American...	Standard Oil Co.....	449.5	59.6	18.0	Antofagasta...	Tampico.....	Ballast.....	.....	6,321	.....
West Kebar....	18	2.45	18	9.12	18	18.50	19	12.40	American...	Sudden & Christensen (S. B.)...	410.5	54.3	23.11	Portland.....	W. Hartlepool	Lumber.....	(¹⁵)	.....	.....
Wabana.....	18	8.30	18	9.30	18	20.00	20	12.38	British.....	Lowden & Connell & Co.....	375.0	52.0	25.0	Mejillones....	Cristobal ¹³ ...	Nitrate.....	6,921	5,257	3,374
Sonoma.....	1-16	0.15	18	11.03	18	19.23	19	8.55	American...	United States Government.....	183.0	19.6	.....	San Diego.....	Cristobal.....	.....	.....	.....	.....
Ontario.....	1-15	23.00	18	11.06	18	19.25	20	6.50	American...	United States Government.....	185.0	19.6	.....	San Diego.....	Cristobal.....	.....	.....	.....	.....
Gannett.....	14	15.56	18	11.25	18	18.33	.....	.....	American...	United States Navy.....	187.0	42.0	13.0	Balboa.....	Cristobal.....	.....	.....	.....	.....

¹² U. S. oil tanker.

¹³ For orders.

¹⁴ Two boxes.

¹⁵ 4,100,000 ft. B. M.

MOVEMENTS OF OCEAN VESSELS—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC—Continued.

Ship	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Partridge.....	1-20	13.30	18	11.30	18	18.32	19	7.22	American...	United States Navy.....	187.5	35.5	14.0	San Diego....	Cristobal.....				
Finchley.....	18	10.30	18	12.10	18	21.00	19	1.25	British.....	British Steamship Co.....	330.0	43.1	22.6	Iquique.....	New Orleans..	Nitrate of soda..	4,533	3,455	2,422
Neches.....	10	20.00	19	7.50	19	17.00	20	11.30	American...	United States Navy.....	476.0	58.0	23.0	Callao.....	Port Arthur...			5,620	4,124
Huasco.....	19	2.30	19	8.03	19	17.35			Chilean.....	South American Steamship Co..	378.8	44.0	19.0	Valparaiso...	Cristobal.....	General.....	606	4,552	3,182
Maquan.....	19	2.15	19	8.55	19	19.25	20	7.40	American...	Frank Waterhouse & Co. (S. B.).	402.4	53.1	26.7	Astoria.....	Liverpool.....	Wheat.....	7,351		
Richmond.....	19	4.00	19	9.53	19	19.02	20	3.05	American...	Standard Oil Co.....	419.4	54.2	20.0	San Francisco.	Tampico.....	Ballast.....		6,690	4,149
Orient.....	19	6.30	19	11.34	19	20.20	20	6.32	American...	Oriental Navigation Co.....	376.4	52.3	23.6	Iquique.....	Norfolk.....	Nitrate.....	6,300	5,455	3,879
Lompoc.....	19	10.30	19	12.08	19	20.40	19	21.52	British.....	C. T. Bowring & Co.....	435.4	55.8	19.0	Taltal.....	Tampico.....	Ballast.....		7,488	5,342
Peru.....	19	10.30	19	13.38	19	22.30			British.....	Pacific Steam Navigation Co....	350.0	43.1	16.1	Valparaiso...	Cristobal.....	General.....	533½	3,968	2,441
Orion.....	14		19	14.30	19	23.45			American...	United States Navy.....	514.0	65.0	22.7		Norfolk.....				
Garfield.....	19	5.00	19	15.01	19	0.30	20	12.30	American...	W. R. Grace & Co.....	299.4	45.0	17.0	Callao.....	New York....	(¹⁶)	192	3,228	2,010
Standard Oil barge No. 95.	19	4.20	19	14.58	19	1.30	20	3.05	American...	Standard Oil Co.....	360.5	50.0	11.6	San Francisco.	Tampico.....	Ballast.....		4,238	3,689

¹⁶ Ore, cotton, cocoa, and coffee.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
Feb. 13.....	P. de Satrustegui....	Spanish Line.....	Barcelona via wayports.	Feb. 13.....	Ancon.....	Panama Railroad Steamship Line..	Norfolk.
Feb. 13.....	Sciota ¹⁷	United States Navy.....	High seas.	Feb. 13.....	Lake Franconia.....	United States Shipping Board.....	Port Limon.
Feb. 14.....	Eagle No. 31.....	United States Navy.....	High seas.	Feb. 14.....	P. de Satrustegui....	Spanish Line.....	Ponce and wayports.
Feb. 14.....	O-15 ¹⁸	United States Navy.....	High seas.	Feb. 16.....	Turrialba.....	United Fruit Co.....	New Orleans.
Feb. 15.....	Parismina.....	United Fruit Co.....	New Orleans via wayports.	Feb. 17.....	Glen White.....	C. Curran & Bullitt.....	Hampton Roads.
Feb. 15.....	Ulysses ¹⁹	Panama Railroad Steamship Line..	Norfolk.	Feb. 17.....	Tivives.....	United Fruit Co.....	New York via Kingston.
Feb. 16.....	Glen White.....	C. Curran & Bullitt.....	Norfolk.	Feb. 17.....	Sixaloa.....	United Fruit Co.....	New York via wayports.
Feb. 16.....	Turrialba.....	United Fruit Co.....	New Orleans via wayports.	Feb. 17.....	Parismina.....	United Fruit Co.....	New Orleans via Bocas del Toro and Habana.
Feb. 16.....	Sixaloa.....	United Fruit Co.....	New York via Kingston.	Feb. 17.....	Haiti.....	French Line.....	Puerto Colombia.
Feb. 16.....	Allianca.....	Panama Railroad Steamship Line..	Colombian ports.	Feb. 18.....	Colon.....	Panama Railroad Steamship Line..	New York via Haiti.
Feb. 17.....	Geo. W. Barnes.....	Pan.-Amer. Pet. & Transp. Co.....	Tampico.	Feb. 18.....	Ulysses ¹⁹	Panama Railroad Steamship Line..	Norfolk.
Feb. 17.....	Tivives.....	United Fruit Co.....	Colombian ports.	Feb. 18.....	Geo. W. Barnes.....	Pan.-Amer. Pet. & Transp. Co.....	Tampico.
Feb. 18.....	Pastores.....	United Fruit Co.....	New York via wayports.	Feb. 18.....	Shawmut.....	United States Navy.....	Guantanamo.
Feb. 18.....	Jan Van Nassau.....	Royal Netherlands W. I. Mail.....	Port Limon.	Feb. 19.....	Camito.....	Elders & Fyffes Line.....	Kingston, Jamaica.
Feb. 19.....	Camito.....	Elders & Fyffes Line.....	Port Limon.	Feb. 19.....	Pastores.....	United Fruit Co.....	New York via Port Limon and Habana.
Feb. 19.....	Achilles ²⁰	Panama Railroad Steamship Line..	Norfolk.	Feb. 19.....	Colombia.....	N. O. & S. A. S. S. Line.....	Port Limon.
Feb. 19.....	Columbia.....	N. O. & S. A. S. S. Line.....	New Orleans via wayports.				

¹⁷ Tug and Eagle No. 32.

¹⁸ Submarine.

¹⁹ And barge *Mamei*.

²⁰ And barge *Darien*.

*Other than ships passing through the Canal.

PORT OF BALBOA.

Feb. 14.....	Pacific Fleet.....	United States Navy.....	Valparaiso.				
Feb. 18.....	Tokuyo Maru.....	Toyo Kisen Kaisha.....	Hongkong.				

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, February 26, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Chicago Maru..	19	14.05	20	6.23	20	13.07	20	14.40	Japanese...	Osaka Shosen Kaisha.....	410.0	51.0	19.0	New Orleans..	Yokohama....	General.....	810	6,123	4,282
Corinthic.....	19	14.15	20	6.25	20	15.09	20	16.15	British.....	White Star Line.....	500.0	63.0	24.8	London.....	Wellington....	Cement.....	1,234	12,821	9,507
Ontario ¹	18	19.25	20	6.50	20	16.49	.....	.....	American...	United States Navy.....	169.0	34.0	.....	Cristobal.....	Balboa.....	.....	.....	.....	.....
John Worthington.....	20	1.40	20	6.55	20	16.45	20	22.55	American...	Standard Oil Co.....	478.0	60.0	27.6	Tampico.....	Pisagua.....	Fuel oil.....	11,000	8,491	6,096
Eastern Glen..	20	3.15	20	8.20	20	17.07	20	18.25	American...	Thorndijke & Trenholme (S. B.)..	399.9	54.7	25.0	Norfolk.....	Tiburón.....	Coal.....	6,574	6,132	4,330
Blossom Heath.	20	5.45	20	10.20	20	18.25	20	19.35	British.....	Steam Navigation Co. of Canada	400.0	52.0	28.6	Norfolk.....	Taltal.....	Coal.....	7,188	6,005	4,225
Steel Mariner..	20	18.18	21	6.28	21	14.44	21	16.00	American...	United States Steel Products Co.	424.2	56.2	25.0	New York....	San Pedro....	Steel, general...	7,854	7,539	5,448
Eburna.....	20	7.14	21	6.30	21	13.54	21	15.25	British.....	Anglo-Saxon Petroleum Co.....	380.0	52.0	24.8	Port Arthur..	Shanghai.....	Kerosene.....	6,850	5,222	3,611
Santa Rosalia..	20	19.00	21	9.10	21	18.00	21	18.56	American...	United States Steel Products Co.	406.0	52.6	24.1	Mobile.....	Kobe.....	General, steel...	7,000	5,865	4,530
Eagle No. 4 ² ..	18	15.37	21	10.00	21	17.56	21	18.20	American...	United States Navy.....	.....	.....	.....	Cristobal.....	Balboa.....	.....	.....	.....	.....
Lake Fithian..	21	12.07	22	6.15	22	13.56	22	18.00	American...	N. O. & S. A. S. S. Co. (S. B.)..	253.6	43.8	21.0	New Orleans..	Guayaquil....	Rails, coke, gen..	2,300	2,915	1,907
Gannett ³	18	18.23	22	6.20	22	15.32	22	16.38	American...	United States Navy.....	185.0	35.0	.....	Cristobal.....	Balboa.....	.....	.....	.....	.....
Uncas.....	21	13.53	22	6.30	22	15.36	22	16.40	British.....	Standard Transportation Co.....	375.0	51.2	24.6	Tampico.....	San Pedro....	Fuel oil.....	5,925	4,861	3,261
Bourne.....	21	5.15	23	6.07	23	19.30	23	20.35	British.....	D. Pinkney.....	450.0	58.0	19.0	Amsterdam..	Corral.....	General.....	1,550	7,539	5,450
Iowan.....	22	13.20	23	6.25	23	20.00	23	20.55	American...	United American Lines.....	407.7	53.7	18.6	Boston.....	Tacoma.....	General.....	2,970	7,091	5,054
W. S. Miller...	22	20.40	23	6.58	23	20.30	23	21.20	American...	Standard Oil Co.....	435.0	56.0	27.0	Baton Rouge..	Point Wells...	Gasoline.....	8,800	7,705	5,385
Golden State..	23	9.35	24	6.07	24	13.11	25	15.55	American...	Pacific Mail S. S. Co. (S. B.)....	517.0	72.2	26.9	Baltimore....	San Francisco.	General.....	925	15,296	10,237
K. L. Luckenbach.....	23	8.27	24	6.21	24	14.30	24	15.40	American...	Luckenbach Line.....	446.0	56.0	24.4	Philadelphia..	San Francisco.	General.....	5,111	8,555	6,204
Satterlee ⁴.....	.....	.....	24	9.12	24	15.15	.....	.....	American...	United States Navy.....	311.0	31.0	.....	Gatun Lake...	Balboa.....	.....	.....	.....	.....
Ontario ⁵	22	13.05	24	7.20	24	16.40	25	10.15	American...	United States Navy.....	169.0	34.0	.....	Cristobal.....	San Francisco.	.....	.....	.....	.....
Huasco.....	19	17.35	24	7.37	24	15.47	24	17.20	Chilean....	South American Steamship Line.	378.0	44.0	23.0	Cristobal.....	Valparaiso....	General.....	998	4,552	3,182
O-11 ⁶.....	.....	.....	24	8.10	24	17.43	.....	.....	American...	United States Navy.....	.....	.....	.....	Cristobal.....	Balboa.....	.....	.....	.....	.....
O-16 ⁶.....	.....	.....	24	8.10	24	17.43	.....	.....	American...	United States Navy.....	.....	.....	.....	Cristobal.....	Balboa.....	.....	.....	.....	.....
West Haven...	23	16.04	24	8.57	24	17.52	24	19.00	American...	Atlantic, Gulf & Pacific S. S. Co.	409.6	54.1	23.1	Texas City....	Portland.....	General, sulphur.	6,000	6,665	5,020
Natal.....	24	9.15	24	10.03	24	20.14	24	22.25	Danish.....	Oriental Steamship Co.....	360.0	51.0	25.0	Jacksonville..	Chanaral.....	Coal.....	6,230	4,670	3,303
Hawkeye State.	23	11.28	24	10.04	24	18.30	25	12.07	American...	Matson Navigation Co. (S. B.)..	517.0	72.0	25.0	Baltimore....	Los Angeles...	General.....	1,539	15,234	10,471
Lela ⁷.....	.....	.....	24	.....	24	9.31	.....	.....	American...	J. D. Barker.....	.....	.....	.....	Cristobal.....	Gatun.....	Ballast.....	2	2	2
Orcus.....	24	23.45	25	7.00	25	14.24	25	15.20	American...	Wessel Duval & Co. (S. B.)....	380.0	53.0	19.1	New York....	Salaverry....	General.....	3,880	5,667	4,220
Brush.....	25	8.20	25	9.00	25	16.33	25	17.55	American...	N. Atl. & Western S. S. Co. (S. B.)	390.0	54.2	27.8	Philadelphia..	Portland.....	General.....	3,300	6,161	4,433
Mason ⁴	23	23.45	25	9.25	25	15.32	.....	.....	American...	United States Navy.....	310.0	31.0	.....	Cristobal.....	Balboa.....	.....	.....	.....	.....
Barima.....	15	20.02	25	9.45	25	17.16	25	19.50	British.....	Pacific Steam Navigation Co....	220.5	37.1	12.4	Cristobal.....	Champerico...	General.....	410	1,651	918
Peru.....	19	22.30	26	6.10	26	13.38	26	20.52	British.....	Pacific Steam Navigation Co....	350.0	43.0	18.0	Cristobal.....	Valparaiso....	General.....	598	4,095	2,655
South American	25	12.05	26	6.15	26	13.45	26	15.20	American...	South American Steamship Co...	251.0	43.0	19.1	New York....	Callao.....	Coke and general	2,700	.....	.....
Quillota.....	24	9.00	26	6.30	26	14.18	26	19.03	British.....	Pacific Steam Navigation Co....	361.4	46.0	19.0	New York....	Guayaquil....	General.....	765	4,768	2,956

¹ Tug, towing barge No. 58 and subchasers Nos. 286 and 355. ² Subtender. ³ Mine sweeper, towing barge No. 283. ⁴ Destroyer. ⁵ Tug, towing U. S. S. Eagle No. 32. ⁶ Submarine. ⁷ Launch.

Steel Ranger...	26	2.50	26	7.27	26	15.47	26	16.45	American...	United States Steel Products Co.	424.0	56.0	26.6	New York...	Los Angeles...	General, steel...	8,300	7,539	5,448
Freeport Sulphur No. 5...	26	7.00	26	7.42	26	16.40	26	21.01	American...	Freeport Sulphur Co.	355.0	52.0	20.6	Texas City...	San Francisco.	Sulphur.....	5,551	.....	.....

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Mallard.....	13	16.26	20	6.25	20	17.25	21	19.50	American...	United States Navy.....	187.0	38.0	.....	Balboa.....	Cristobal.....	.....	.....	.....	.....
Quilpue.....	19	18.30	20	6.48	20	14.45	22	4.17	British.....	Pacific Steam Navigation Co....	361.0	46.2	17.0	Guayaquil....	New York....	Coffee and cocoa	1,205	4,742	3,023
Nereus.....	11	13.30	20	7.37	20	15.11	23	10.14	American...	United States Navy.....	500.0	62.0	25.0	Callao.....	Guantanamo..	Coal.....	4,500	11,143	6,749
Proteus.....	11	13.30	20	7.55	20	16.45	23	10.16	American...	United States Navy.....	500.0	62.0	26.6	Callao.....	Guantanamo..	Coal.....	8,000	11,143	6,749
Nitokris.....	19	17.20	20	9.34	20	17.40	20	23.05	British.....	H. M. King.....	411.8	50.7	23.6	Melbourne....	Antwerp.....	Wheat.....	5,400	6,652	4,704
Bridge.....	11	13.30	20	10.40	20	18.20	20	22.10	American...	United States Navy.....	423.0	55.3	21.6	Callao.....	Hampton R'ds	.....	.....	.....	.....
Australbrook...	20	8.30	20	11.20	20	20.40	20	21.50	British.....	Commonwealth Government Line	375.5	52.2	19.0	Sydney.....	London.....	General.....	4,600	.....	.....
El Condado....	19	23.00	20	12.55	20	21.00	21	11.53	Spanish....	Cia General de Navigacion.....	330.0	48.9	20.0	Mejillones....	Bilbao.....	Nitrate.....	4,765	3,730	2,637
City of Alameda.....	17	15.35	20	15.59	20	22.22	20	23.40	American...	Columbus Shipping Co. (S. B.)..	435.0	56.0	.....	Balboa.....	Port Lobos...	Ballast.....	.....	7,614	5,326
Black Hawk....	14	.....	21	6.53	21	15.10	21	15.10	American...	United States Navy.....	404.6	53.9	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Solace.....	11	13.00	21	6.54	21	14.05	23	10.10	American...	United States Navy.....	377.0	44.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Chewink.....	4	16.14	21	7.07	21	15.17	23	8.55	American...	United States Navy.....	180.0	35.6	.....	Balboa.....	Cristobal.....	.....	.....	.....	.....
Carrabassett...	1-20	18.33	21	7.09	21	14.20	23	9.20	American...	United States Navy.....	.....	.....	.....	Balboa.....	Guantanamo..	.....	.....	.....	.....
Iuka.....	4	16.02	21	7.10	21	14.17	23	8.35	American...	United States Navy.....	149.3	30.0	.....	Balboa.....	Cristobal.....	.....	.....	.....	.....
Contocook.....	1-20	18.33	21	7.10	21	15.20	23	8.28	American...	United States Navy.....	.....	.....	.....	Balboa.....	Cristobal.....	.....	.....	.....	.....
Yorba Linda...	20	14.36	21	7.52	21	16.00	21	16.45	American...	General Petroleum Co.....	435.0	56.0	24.0	Los Angeles...	Tampico.....	Lumber, general.	1,000	.....	.....
Oak Branch....	20	17.00	21	8.20	21	17.32	22	12.50	British.....	Nautilus Steam and Shipping Co	385.0	49.8	23.0	Iquique.....	Antwerp.....	General.....	6,224	5,209	4,031
Columbia.....	14	.....	21	10.55	21	17.52	23	10.03	American...	United States Navy.....	411.6	58.3	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Glittertind....	21	8.45	21	11.25	21	21.00	21	23.34	Norwegian..	Herr, Skiebreder Kield Stub....	330.8	47.2	23.6	Tocopilla....	Bordeaux....	Nitrate.....	5,150	.....	.....
Maricopa.....	21	11.20	21	12.30	21	19.42	21	23.21	Norwegian..	W. Wilhelmsen.....	425.5	57.0	19.6	Antofagasta..	Tampico.....	Ballast.....	.....	6,996	5,108
Point Adams...	20	18.20	21	13.58	21	21.30	22	14.12	American...	Pacific Mail Steamship Co.....	289.0	44.1	19.7	San Francisco.	Baltimore....	(⁹)	2,492	2,899	1,971
West Eldara...	20	22.00	21	14.22	21	20.07	21	23.00	American...	Barber Line (S. B.).....	409.6	54.2	23.6	Honolulu.....	Savannah....	Sugar, nitrate...	7,000	6,656	5,012
Kelbergen.....	21	12.45	21	14.52	21	23.15	22	2.40	Dutch.....	South Holland Shipping Co.....	384.9	52.0	22.6	Portland.....	Immingham...	Railroad ties...	6,600	5,341	3,856
Ontario.....	20	16.49	22	6.10	22	13.05	24	7.20	American...	United States Navy.....	175.0	34.0	.....	Balboa.....	Cristobal.....	.....	.....	.....	.....
Owl.....	18	19.25	22	6.45	22	11.35	.....	.....	American...	United States Navy.....	180.0	35.0	.....	Balboa.....	Gatun.....	.....	.....	.....	.....
Eagle No. 4....	21	17.56	22	6.48	22	13.00	.....	.....	American...	United States Navy.....	200.0	25.0	.....	Balboa.....	Cristobal.....	.....	.....	.....	.....
India Maru....	21	16.15	22	7.57	22	16.25	22	21.35	Japanese...	Kabushaki Kaisha Kawasaki....	385.0	51.0	25.0	Tocopilla....	Falmouth....	Nitrate.....	8,000	5,728	4,381
Shabonne.....	21	20.55	22	8.06	22	15.06	22	15.06	British.....	Standard Oil Co.....	379.0	50.8	19.0	San Francisco.	Tampico.....	Ballast.....	.....	5,255	3,717
La Habra.....	21	22.00	22	9.54	22	17.00	22	21.35	Norwegian..	W. Wilhelmsen.....	424.8	57.0	18.6	Tocopilla....	Tampico.....	Ballast.....	.....	7,053	5,085
Manavi.....	22	8.45	22	10.11	22	17.50	.....	.....	British.....	Pacific Steam Navigation Co....	216.0	35.1	10.0	Guayaquil....	Cristobal.....	General.....	140	1,357	884
Penza.....	21	19.45	22	14.46	22	22.36	.....	.....	Russian....	Russian Volunteer Fleet.....	299.7	41.5	18.9	Hongkong....	Habana.....	.....	.....	.....	.....
North Dakota ⁸	14	.....	23	5.10	23	14.55	23	14.55	American...	United States Navy.....	510.0	85.3	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Delaware ⁸	14	.....	23	5.23	23	15.50	23	15.50	American...	United States Navy.....	510.0	85.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Utah ⁸	14	.....	23	6.36	23	16.57	23	16.57	American...	United States Navy.....	510.0	88.3	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Arizona ⁸	14	.....	23	6.48	23	18.07	23	18.07	American...	United States Navy.....	600.0	97.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Pennsylvania ⁸	14	.....	23	7.41	23	19.44	23	19.44	American...	United States Navy.....	600.0	97.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Oklahoma ⁸ ...	14	.....	23	7.50	23	18.45	23	18.45	American...	United States Navy.....	575.0	95.3	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Dahlgren ⁴ ...	14	.....	23	9.26	23	23.10	23	23.41	American...	United States Navy.....	310.0	31.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Mason ⁴	14	.....	23	9.45	23	23.45	25	9.25	American...	United States Navy.....	310.0	31.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Satterlee ⁴ ...	14	.....	23	9.51	.....	.....	.....	.....	American...	United States Navy.....	310.0	31.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Semmes ⁴	14	.....	23	9.58	23	23.03	24	12.54	American...	United States Navy.....	310.0	31.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....

⁸ Battleship.

⁹ Beans, onions, sugar, and general.

MOVEMENTS OF OCEAN VESSELS—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC—continued.

Ship	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Hatfield ⁴	14	.....	23	10.04	23	21.46	24	12.53	American...	United States Navy.....	310.0	31.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Preston ⁴	14	.....	23	10.11	23	23.05	24	12.48	American...	United States Navy.....	289.0	26.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Crowinshield ⁴ ..	14	.....	23	11.23	23	23.32	24	12.50	American...	United States Navy.....	310.0	31.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Preble ⁴	14	.....	23	11.32	23	23.35	24	1.05	American...	United States Navy.....	310.0	31.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Nevada ⁸	14	.....	23	11.33	23	21.15	23	21.15	American...	United States Navy.....	575.0	95.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Sicard ⁴	14	.....	23	12.12	24	0.48	24	2.56	American...	United States Navy.....	310.0	31.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Herbert ⁴	14	.....	23	12.19	24	0.52	24	12.52	American...	United States Navy.....	310.0	31.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Dickerson ⁴	14	.....	23	12.32	24	1.12	24	2.57	American...	United States Navy.....	310.0	31.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Schenck ⁴	14	.....	23	12.38	24	1.20	24	3.08	American...	United States Navy.....	310.0	31.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Bernadou ⁴	14	.....	23	12.55	24	1.00	24	2.57	American...	United States Navy.....	310.0	31.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Blakeley ⁴	14	.....	23	12.55	24	1.03	24	3.03	American...	United States Navy.....	310.0	31.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Graham ⁴	14	.....	23	13.46	24	2.32	24	3.15	American...	United States Navy.....	310.0	31.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Barney ⁴	14	.....	23	13.55	24	2.36	24	3.07	American...	United States Navy.....	310.0	31.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Leary ⁴	14	.....	23	14.01	24	2.42	24	2.46	American...	United States Navy.....	310.0	31.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Goldsborough ⁴ ..	14	.....	23	14.04	24	2.50	24	3.08	American...	United States Navy.....	310.0	31.0	.....	Callao.....	Guantanamo..	.....	.....	.....	.....
Chile.....	23	6.00	23	14.20	24	3.44	.....	.....	British.....	Pacific Steam Navigation Co....	350.2	43.1	16.6	Valparaiso....	Cristobal.....	General.....	412½	4,065	2,668
Prometheus.....	11	1.10	24	6.35	24	16.22	25	6.18	American...	United States Navy.....	450.0	60.0	22.6	Callao.....	Guantanamo..	.....	.....	.....	.....
H. H. Asquith.....	23	21.30	24	6.48	24	17.32	24	17.32	British.....	Williams & Mordey.....	390.1	52.5	26.0	Taltal.....	Fayal ¹²	Nitrate of soda..	7,757	5,692	3,919
Lake Ellijay ¹⁰ ..	23	14.30	24	7.08	24	18.52	24	20.37	American...	N. O. & S. A. S. S. Co.....	253.0	43.0	24.3	Iquique.....	Charleston....	Nitrate.....	3,616	2,920	1,973
Vireo.....	4	16.05	24	9.08	24	16.32	25	15.05	American...	United States Navy.....	180.0	35.6	.....	Balboa.....	Guantanamo..	.....	.....	.....	.....
Bobolink.....	4	16.11	24	9.08	24	16.35	25	15.05	American...	United States Navy.....	180.0	35.6	.....	Balboa.....	Guantanamo..	.....	.....	.....	.....
Quail.....	4	16.21	24	9.17	24	17.30	25	15.05	American...	United States Navy.....	180.0	35.6	.....	Balboa.....	Guantanamo..	.....	.....	.....	.....
Rail.....	4	16.17	24	9.17	24	17.33	25	15.05	American...	United States Navy.....	180.0	35.6	.....	Balboa.....	Guantanamo..	.....	.....	.....	.....
Balboa.....	24	13.24	24	14.54	24	22.52	.....	.....	American...	Columbian Maritime Co.....	190.0	29.1	15.0	Buenaventura.	Cristobal.....	(¹³).....	631.61	741	350
Songdal.....	24	3.10	24	15.05	24	23.55	24	23.55	Norwegian..	S. O. Stray & Co.....	330.0	47.3	21.0	Caleta Colosa.	Ostend.....	Nitrate.....	4,525	3,768	2,532
Gloriana ¹¹	1-28	10.00	24	11.00	24	22.40	.....	.....	American...	Carl K. McFadden.....	63.7	13.8	.....	David.....	Cristobal.....	.....	34	30	.....
Mary Luckenbach.....	24	16.00	25	6.31	25	15.19	25	16.02	American...	Luckenbach Terminals.....	410.5	54.3	19.0	San Francisco.	New York....	General.....	700	.....	.....
Nokotay.....	24	21.15	25	7.04	25	16.12	25	18.17	American...	U. S. and Australia Line (S. B.)	402.6	53.0	14.0	Brisbane.....	New York....	General.....	2,000	6,580	4,927
Cecil County... ¹⁰	25	8.30	26	6.53	26	13.55	26	14.14	American...	Columbia Shipping Co. (S. B.)..	431.0	59.2	20.6	Iquique.....	New Orleans..	Fuel oil.....	13,000	8,097	5,400
Jamaica.....	25	1.30	25	8.17	25	17.08	.....	.....	British.....	Pacific Steam Navigation Co....	220.0	34.0	11.6	Champerico... ¹¹	Cristobal.....	General.....	171½	1,187	622
Cordelia.....	25	19.00	26	7.35	26	15.03	26	14.44	British.....	C. T. Bowring & Co.....	420.3	54.6	19.0	Antofagasta... ¹²	Port Lobos....	Ballast.....	.....	6,690	4,963
Celtic Prince... ¹³	25	23.20	26	8.49	26	17.49	26	19.05	British.....	Prince Line.....	449.0	54.3	24.0	Shanghai.....	Boston.....	General.....	7,200	.....	.....
Artigas.....	26	13.00	26	13.59	26	21.04	26	21.04	American...	N. Atl. & Western S. S. Co. (S. B.)	390.0	54.2	19.6	Los Angeles...	Philadelphia..	General.....	1,454	6,161	4,427

¹⁰ S. B.

¹¹ Yacht.

¹² For orders.

¹³ Coffee, hats, gold dust, ivory nuts, and bark.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

(Continued on page 423, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, March 5, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Manavi.....	22	17.50	28	6.20	28	13.00	28	15.15	British....	Pacific Steam Navigation Co....	216.0	35.0	11.1	Cristobal.....	Guayaquil....	General.....	92	1,357	884
Charlton Hall..	28	5.15	28	11.02	28	18.55	28	19.53	American...	Isthmian Steamship Line.....	400.0	50.0	25.1	New York....	Coronel.....	Steel.....	6,546	5,696	4,267
Canadian Im- porter.....	28	13.17	28	13.30	28	20.35	28	22.25	British....	Canadian Government.....	400.0	52.0	21.0	St. Johns.....	Auckland.....	General.....	3,000	5,855	4,151
Wytheville.....	28	15.52	1	6.10	1	13.53	1	15.17	American...	Barber Line (S. B.).....	395.5	55.0	25.6	New York....	Manila.....	General.....	6,609	6,841	4,758
Port Sydney...	28	14.11	1	6.20	1	15.47	1	17.07	British....	Commonwealth and Dom. Line..	501.0	63.0	28.6	New York....	Auckland.....	General, mach...	8,710	11,857	8,947
Balboa.....	24	22.52	1	6.46	1	15.15	1	23.40	American...	Colombian Maritime Co.....	190.0	29.1	12.6	Cristobal.....	Guayaquil....	General.....	134½	741	350
Utique.....	24	16.28	1	10.15	1	17.29	6	17.00	French....	Societe Annonime de Peche.....	232.0	44.0	17.0	Bordeaux....	San Francisco.	Iron.....	1,000	1,747	1,028
Morristown....	25	19.46	1	12.37	1	20.35	2	18.20	American...	U. S. A. A. Line (S. B.).....	377.0	52.0	23.9	New York....	Sydney.....	General.....	5,262	5,205	3,743
Mahana.....	28	18.40	1	12.49	1	20.30	2	0.05	British....	Shaw, Saville, & Albion Co.....	520.9	63.0	28.6	London.....	Auckland.....	General.....	6,951	12,151	8,727
S. C. 285.....			1	6.24	1	17.28	2		American...	United States Navy.....				Cristobal.....	Balboa.....				
Santa Luisa....	1	19.53	2	6.03	2	12.36	2	13.36	American...	W. R. Grace & Co.....	360.2	51.6	25.0	New York....	Valparaiso....	General.....	4,053	5,694	3,975
Corcovado.....	1	17.28	2	5.20	2	14.17	2	15.20	British....	Pacific Steam Navigation Co....	390.0	47.0	21.3	Hamburg....	Valparaiso....	General.....	3,592	4,976	3,284
Portsaid Maru.	2	6.50	2	7.45	2	15.25	2	16.40	Japanese...	Kawaski Kisen Kabushiki Kaisha	385.0	51.0	23.0	New York....	Seattle.....	General, cotton.	4,917	5,914	4,399
Miye Maru....	2	7.20	2	11.20	2	18.25	2	22.25	Japanese...	Suzuki Steamship Co.....	305.0	43.7	22.0	Nuevitas....	San Francisco.	Sugar.....	3,720	3,179	2,180
Lock City ¹ ...					2	9.20	2	11.00	American...	W. C. Hyler.....	30.2	8.4	3.0	Gatun Lake..	Balboa.....			9	7
Kent.....	2	16.19	3	6.19	3	14.17	3	15.20	British....	Federal Steam Navigation Co...	480.0	62.9	27.9	New York....	Auckland.....	General.....	8,100	10,507	8,132
Ardover.....	2	6.35	3	6.31	3	15.10	3	16.00	British....	Daniel Steamship Co.....	483.5	62.8	21.3	Hamburg....	Valparaiso....	General.....	2,900	9,615	6,525
Piako.....	2	18.54	3	7.47	3	15.40	3	16.45	British....	New Zealand Shipping Co.....	450.0	58.0	29.7	Liverpool....	Auckland.....	General.....	7,000	8,459	6,060
West Camak...	2	23.20	3	8.04	3	17.22	3	18.25	American...	E. C. Evans & Sons (S. B.).....	410.5	54.2	20.0	Liverpool....	San Francisco.	General.....	3,025	6,622	4,880
Orcoma.....	3	12.05	4	10.00	4	17.29	4	18.32	British....	Pacific Steam Navigation Co....	511.0	62.0	26.2	Liverpool....	Coronel.....	General.....	2,782	12,267	7,942
Chas. H. Cramp	4	15.50	5	6.13	5	12.51	5	14.40	American...	Atl. Gulf & Pac. S. S. Corp. (S. B.)	404.0	54.0	18.0	Savannah....	Los Angeles..	General.....	2,290	6,755	4,688
Nuuanu.....	2	20.13	5	6.14	5	16.22	5	17.40	American...	V. Concepcion.....	203.2	34.0	9.6	Cristobal.....	San Francisco.	Ballast.....		1,088	809
Essequibo.....	4	7.41	5	6.15	5	13.46	5	15.00	British....	Pacific Steam Navigation Co....	450.0	57.0	23.9	New York....	Valparaiso....	General.....	1,699	9,037	6,089
Cape Henry....	4	14.13	5	6.23	5	15.49	5	16.47	American...	Atl. Gulf and Pacific S. S. Corp.	391.0	52.0	23.1	Brooklyn....	Seattle.....	General.....	4,650	5,146	3,557
Erroll.....	4	22.22	5	8.45	5	16.39	5	17.45	British....	Australian Steamship Co.....	365.0	47.5	24.0	Newport News	Port Chalmers	Coal.....	4,344	4,714	3,401
J. W. McKie ¹ ..			5	6.00	5	8.16			American...	United States Army.....				Cristobal.....	Gatun.....				
Kaweah.....	5	10.20	5	10.47	5	18.10			American...	McAlister Brothers (S. B.).....	430.0	58.2	28.0	New Orleans..	Balboa.....	Fuel oil.....	9,448	7,680	5,664

¹ Launch.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Santa Barbara..	26	15.20	27	6.28	27	14.43	27	15.30	American...	W. R. Grace & Co.....	404.6	53.9	27.0	Valparaiso....	Norfolk.....	Nitrate of soda..	8,629	6,789	4,746
Mineola.....	26	14.45	27	6.54	27	14.46	27	15.00	American...	W. R. Grace & Co.....	298.6	40.0	17.0	Salaverry....	New York....	Sugar and cocoa.	1,607	2,835	1,822
Gargoyle.....	27	11.50	27	13.40	27	20.33	27	20.33	American...	Vacuum Oil Co.....	425.8	57.0	22.0	San Francisco.	Texas City....	Ballast.....			
Acajutla.....	27	13.40	28	6.36	28	17.50	3	7.15	British....	Pacific Steam Navigation Co....	215.7	33.5	12.6	Tumaco.....	Cristobal.....	(*)	356	1,273	706
Nile.....	27	17.30	28	6.49	28	17.55	28	17.55	American...	Pacific Steamship Co. (S. B.)....	410.0	54.2	27.1	Portland.....	Manchester...	Wheat.....	7,530	7,495	5,635
Oropesa.....	27	18.10	28	7.40	28	19.55	1	8.45	British....	Pacific Steam Navigation Co....	530.0	66.3	28.0	Valparaiso....	Liverpool....	General.....	7,600	14,510	10,259

* Cocoa, coffee, and hides.

Iris.....	2-28	9.55	2-28	10.35	2-28	20.07	1	7.05	American...	Pacific Transport Co.....	304.3	38.8	20.0	San Francisco.	New Orleans..	General.....	2,128	3,030	2,021
Magdala.....	1	1.20	1	7.44	1	17.37	1	20.08	Danish.....	Orient Steamship Co.....	358.9	51.9	24.4	Valparaiso...	Savannah....	Nitrate of soda..	6,597	4,649	3,354
Orari.....	1	14.45	2	6.44	2	15.58	2	15.58	British.....	New Zealand Shipping Co.....	460.7	60.2	28.0	Wellington....	London.....	Frozen, general..	15,000	9,827	6,895
Swift Arrow...	2-28	15.30	2	7.03	2	15.08	3	11.45	American...	Swiftsure Oil Co.....	464.6	60.2	21.0	San Francisco.	Tampico.....	Ballast.....			
S. C. 285.....	1	17.28	2	7.20	2	19.35			American...	United States Navy.....	110.0	16.0		Balboa.....	Cristobal.....				
Otaki.....	2	5.00	2	8.47	2	16.47	2	16.47	British.....	New Zealand Shipping Co.....	449.1	58.2	21.6	Napier.....	Boston.....	General.....	2,000	8,256	5,470
Cauca.....	2	6.45	2	9.36	2	17.47			British.....	Pacific Steam Navigation Co....	246.0	35.2	12.6	Guayaquil....	Cristobal.....	(^a)	230 ¹ / ₄	1,582	1,023
Nuuanu.....	1	9.35	2	10.41	2	20.13	5	6.14	American...	Venancio-Concepcion.....	203.2	34.0	18.6	San Francisco.	Cristobal.....	Gasoline.....	(⁵)		
Caddo.....	2-13	8.15	2	14.55	2	21.52	3	6.28	American...	Standard Oil Co. of N. J.....	414.5	55.2	18.0	Taltal.....	Tampico.....	Ballast.....		6,438	4,391
San Jose.....	2	9.45	3	6.36	3	13.40			American...	Pacific Mail Steamship Co.....	283.0	37.0	16.0	San Francisco.	Cristobal.....	General.....	833	2,352	1,602
Santa Ana.....	3	1.45	3	8.03	3	15.04	3	16.00	American...	W. R. Grace & Co.....	360.2	51.6	23.6	Valparaiso...	New York....	(⁴)	3,630	5,776	4,081
Benjamin																			
Brewster.....	2	22.10	3	8.48	3	15.45	4	5.25	American...	Standard Oil Co. of N. J.....	411.6	53.4	22.0	Caleta Buena.	Tampico.....	Ballast.....		6,360	4,337
Coalinga.....	3	5.00	3	9.13	3	16.44	3	18.30	American...	Union Oil Co.....	471.0	55.0	19.5	Los Angeles...	Port Lobos...	Ballast.....		8,107	5,627
Waban.....	3	20.45	4	7.10	4	14.30	4	23.40	American...	Struthers & Dixon (S. B.).....	401.4	53.2	25.0	Vancouver....	Immingham...	Railroad ties....	(⁶)		
Bradford.....	3	15.30	4	7.40	4	15.57	4	15.57	American...	Standard Oil Co.....	426.8	54.5	18.6	San Francisco.	Tampico.....	Ballast.....		7,318	5,458
Texan.....	3	18.00	4	7.47	4	16.48	4	16.48	American...	American-Hawaiian Line.....	471.0	57.2	23.0	Seattle.....	Philadelphia..	General.....	5,365	9,154	7,033
Belridge.....	4	3.15	4	8.28	4	17.37	4	19.11	Norwegian..	W. Wilhelmsen.....	425.0	57.0	20.0	Tocopilla....	Tampico.....	Ballast.....		7,065	5,095
Mantaro.....	4	6.00	4	8.41	4	18.40			Peruvian...	Peruvian Steamship Co.....	354.0	46.4	21.6	Callao.....	Cristobal.....	General.....	7,303	4,838	2,959
Minnequa.....	4	6.30	4	14.19	4	22.22	4	22.23	American...	Wessel Duval (S. B.).....	390.0	54.2	25.0	Caleta Buena.	Charleston...	Nitrate.....	7,500	6,106	4,355
Terrier.....	4	17.30	5	6.32	5	15.49	5	20.50	Norwegian..	W. Wilhelmsen.....	400.0	52.0	24.0	Mejillones...	New Orleans..	Nitrate.....	8,250	5,531	3,979
Rovuma.....	4	13.30	5	6.52	5	15.10	5	20.25	French.....	French Government.....	432.9	56.0	27.0	Valparaiso...	Cristobal ³ ...	Nitrate.....	7,500	7,484	5,408
H. M. Flagler..	4	20.45	5	7.49	5	16.14	5	20.08	American...	Standard Oil Co. of N. J.....	461.6	60.0	21.0	Iquique.....	Tampico.....	Ballast.....		8,606	6,525
Erle.....	5	1.30	5	8.29	5	17.45	5	20.44	Norwegian..	Arenzi Rederi.....	400.0	53.0	28.0	Taltal.....	Azores.....	Nitrate.....	8,024	6,207	4,501
City of Van-																			
couver.....	5	6.00	5	8.54	5	18.20	6	2.38	British.....	British-Canadian Steamship Co.	411.5	54.1	23.6	Portland.....	Emden.....	Wheat.....	7,540	6,614	4,995

³ For orders.⁴ Nitrate, copper, glue, iodine, beans, lentils, peas, honey, beeswax, hides, and general.⁵ 428,024 gallons.⁶ 4,434,731 feet B. M.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
Feb. 27.....	Metapan.....	United Fruit Co.....	New Orleans and way-ports.
Feb. 28.....	Ageroen.....	Hensen Tengenc Co.....	New York.
Feb. 28.....	Cristobal.....	Panama Railroad Steamship Line.	Norfolk.
Feb. 28.....	Ancon.....	Panama Railroad Steamship Line.	Norfolk.
Feb. 28.....	Heredia.....	United Fruit Co.....	New Orleans.
March 1.....	Governor.....	Harrison Line.....	Liverpool via wayports.
March 2.....	Carrillo.....	United Fruit Co.....	New York via Kingston.
March 3.....	Santa Marta.....	United Fruit Co.....	Colombian ports.
March 3.....	Van Renselaer.....	Royal Netherlands W. I. Mail....	Amsterdam and way-ports.
March 4.....	Tolosa.....	United Fruit Co.....	New York via wayports.
March 4.....	Megantic.....	White Star Line.....	New York and wayports.
March 5.....	Coronado.....	Elders & Fyffes Line.....	Port Limon.
March 5.....	Turrialba.....	United Fruit Co.....	New Orleans and way-ports.

DEPARTURES.

Date.	Vessel.	Line.	For—
March 1.....	Ageroen.....	Hensen Tengenc Co.....	Guantanamo.
March 1.....	Santa Leonora.....	United States Army.....	San Juan.
March 1.....	Gen. G. W. Goethals.	Panama Railroad Steamship Line..	New York via Haiti.
March 1.....	Metapan.....	United Fruit Co.....	Port Limon.
March 2.....	Cristobal.....	Panama Railroad Steamship Line..	Norfolk.
March 2.....	Governor.....	Harrison Line.....	Tampico.
March 3.....	Ancon.....	Panama Railroad Steamship Line..	Norfolk.
March 3.....	Carrillo.....	United Fruit Co.....	New York via wayports.
March 3.....	Santa Marta.....	United Fruit Co.....	New York via Kingston.
March 3.....	Heredia.....	United Fruit Co.....	New Orleans and way-ports.
March 4.....	Megantic.....	White Star Line.....	La Guaira.
March 5.....	Tolosa.....	United Fruit Co.....	New York via Port Limon and Habana.
March 5.....	Van Renselaer.....	Royal Netherlands W. I. Mail....	Puerto Colombia.
March 5.....	Coronado.....	Elders & Fyffes Line.....	Kingston.

(Continued on page 455, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, March 12, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Chile.....	2-24	3.44	6	6.12	6	13.49	6	15.14	British.....	Pacific Steam Navigation Co....	350.0	43.1	18.4	Cristobal.....	Valparaiso.....	General.....	466	4,065	2,668
Maraya ¹	2-27	11.00	6	6.17	6	13.38	6	14.40	Peruvian....	Carlos Vallencia.....	92.0	14.0	5.0	Belize.....	Callao.....	Ballast.....	62	49	
Loretta.....	5	19.22	6	6.28	6	14.43	6	15.45	American....	Green Star Line (S. B.).....	400.0	54.0	25.0	Baltimore....	Manila.....	General.....	5,020	6,528	4,706
Impoco.....	6	7.25	6	8.25	6	15.28	6	19.00	British.....	The Imperial Oil Co.....	249.0	43.0	16.6	New York....	Talara.....	Ballast.....	2,341	1,598	
West Mingo....	6	9.00	6	9.20	6	17.18	6	18.20	American....	Pacific Mail Steamship Co. (S.B.)	410.0	54.4	24.0	Norfolk.....	Tiburon.....	Coal.....	6,828	6,476	4,682
Apple Branch..	6	7.02	6	10.32	6	17.25	6	18.27	British.....	F. & W. Ritson.....	370.0	52.0	23.7	Liverpool....	Coronel.....	General.....	5,000	5,112	3,511
H. L. Bridges ²			6	6.00	6	13.38			American....	United States Army.....				Cristobal.....	Balboa.....				
Waimana.....	7	10.20	7	6.17	7	13.44	7	14.48	British.....	Shaw, Saville & Albion Co.....	476.6	63.0	25.0	Southampton.	Wellington....	Ballast.....	11,229	8,252	
Trewinnard....	7	2.05	7	6.52	7	15.04	7	16.50	British.....	Hain Steamship Co.....	471.0	60.9	26.0	Cardiff.....	Auckland.....	Coal.....	8,814		
Windber.....	7	9.05	7	9.33	7	17.01	7	18.58	American....	Pacific and American Fisheries..	290.0	40.0	21.0	New York....	Los Angeles...	Steel, general...	3,017	3,036	2,126
Neches ³	7	14.09	7	14.25	7	21.07			American....	United States Navy.....	477.0	55.0	26.0	Port Arthur...	Balboa.....	Fuel oil.....	7,860		
Harald.....	7	23.50	8	7.05	8	15.17	8	17.45	Danish.....	United Steamship Co.....	280.0	40.0	19.0	Baltimore....	Guayaquil....	Coal.....	2,347	2,149	1,492
Toba Maru....	8	7.00	8	7.25	8	14.56	8	16.12	Japanese....	Nippon Yusen Kabushiki Kaisha	445.0	58.0	24.0	New York....	Yokohama....	General.....	7,770	8,058	5,743
Lompoc.....	7	9.50	8	10.10	8	17.30	8	18.35	British.....	C. T. Bowring & Co.....	435.0	55.9	26.6	Tampico.....	Taltal.....	Fuel oil.....	9,600	7,496	5,311
Cauca.....	4	17.47	8	11.15	8	17.59	8	18.53	British.....	Pacific Steam Navigation Co....	246.0	35.0	14.0	Cristobal.....	Guayaquil....	General.....	213	1,582	1,023
Eastern Prince.	8	11.53	8	12.15	8	19.58	9	1.55	British.....	Prince Line, Ltd.....	469.0	58.0	24.0	New York....	Yokohama....	General.....	6,111	8,413	5,971
Hoyeisan Maru.	8	10.47	8	12.50	8	21.06	8	22.44	Japanese....	Mitsui Bussan Kaisha.....	407.0	50.0	27.0	New York....	Shanghai....	General.....	6,651	6,189	4,440
Sea sled No. 16.			8	6.30	8	9.36			American....	United States Navy.....				Cristobal.....	Gatun Lake...				
San Jose.....	3	13.40	9	6.05	9	13.24	9	23.21	American....	Pacific Mail Steamship Co.....	283.0	37.0	16.6	Cristobal.....	San Francisco.	General.....	820	2,352	1,602
Harold Dollar..	8	14.24	9	6.15	9	14.00	9	15.15	British.....	Dollar Steamship Line.....	376.5	52.2	24.4	New York....	Shanghai....	General.....	6,044	5,224	3,934
Ardmore.....	8	15.40	9	6.26	9	16.37	9	19.21	American....	Standard Oil Co.....	449.6	50.1	25.6	Tampico.....	Pisagua.....	Fuel oil.....	10,000	8,636	6,321
Barge No. 95..	9	6.50	9	8.10	9	18.15	10	16.35	American....	Standard Oil Co.....	360.0	50.0	24.0	Tampico.....	San Francisco.	Crude naphtha..	5,605	4,238	3,689
Floridian.....	9	5.30	9	8.40	9	15.49	9	16.50	American....	United American Steamship Line	415.0	54.0	18.6	New York....	Los Angeles...	General.....	2,000	7,245	5,152
Richmond.....	9	6.50	9	9.15	9	17.11	10	16.35	American....	Standard Oil Co.....	419.0	54.0	27.0	Tampico.....	San Francisco.	Crude naphtha..	7,500	6,706	4,640
Whakatane....	9	12.05	9	12.20	9	19.45	9	21.05	British.....	New Zealand Shipping Co.....	420.0	54.0	30.0	London.....	Auckland.....	General.....	8,210	7,131	5,324
Falstria ⁴	9	11.40	10	6.07	10	14.11	10	22.30	Danish.....	East Asiatic Steamship Co.....	365.0	50.0	15.6	Copenhagen...	Guayaquil....	General.....	3,981	4,799	3,484
Melania.....	9	17.08	10	6.12	10	14.55	10	16.10	British.....	Anglo-Saxon Petroleum Co.....	412.0	53.3	26.2	New Orleans..	Shanghai....	Kerosene.....	7,628	6,093	4,452
Irtysk.....	10	6.28	10	7.25	10	16.09	10	23.58	Russian.....	Russian Volunteer Fleet.....	375.0	55.0	22.6	Newport News	Caldera.....	Coal.....	5,037	5,476	3,940
Keosanqua ⁵ ...	4	6.53	10	11.03	11	12.30	11	14.10	American....	United States Navy.....				Norfolk.....	Honolulu....				
Sciota ⁶			10	8.30	10	15.50	11	22.10	American....	United States Navy.....				Cristobal.....	Balboa.....				
Knight Com- panion.....	10	19.25	11	6.20	11	14.17	11	15.14	British.....	Ocean Steamship Co.....	470.4	58.0	28.0	New York....	Yokohama....	General.....	9,533	8,546	6,263
Leitrim.....	11	6.25	11	7.20	11	15.19	11	16.45	British.....	Union S. S. Co. of New Zealand.	470.0	60.0	28.0	New York....	Lyttleton....	General.....	7,500	10,050	6,834
Shabonee.....	11	5.30	11	7.45	11	16.05	11	15.15	British.....	Standard Oil Co.....	380.0	50.0	26.0	Tampico.....	Itosaki.....	Oil.....	6,315	5,255	3,717
Suez Maru....	11	6.12	11	10.10	11	17.40	11	18.40	Japanese....	Kokusai Kisen Kabushiki Kaisha	360.0	57.0	24.0	Matanzas....	Hongkong....	Sugar.....	4,750	4,684	3,440
Gen. H. F. Hodges.....	9	7.25	11	11.26	11	18.21	12	1.00	American....	Panama Railroad Steamship Line	373.0	39.0	16.9	New York....	Guayaquil....	General.....	723	3,013	1,574

¹ Yacht.² Launch.³ Collier-tanker.⁴ Motor ship.⁵ And barges Nos. 477 and 478.⁶ Tug.

Acajutla.....	7	14.00	12	6.11	12	13.22	12	17.00	British.....	Pacific Steam Navigation Co....	215.0	33.0	13.6	Cartagena....	Tumaco.....	General.....	243	1,273	706
Westmoreland..	11	15.39	12	6.29	12	14.27	12	23.49	American...	Barber Steamship Line.....	395.5	55.0	26.8	New York....	Shanghai....	Case oil.....	8,058	7,285	5,256
Petroleo ²			12	6.40	12	14.43	12	14.23	American...	West India Oil Co.....	44.0			Cristobal....	Balboa.....				
Trontolite.....	11	20.05	12	6.55	12	15.53	13	19.45	American...	Standard Oil Co.....	419.0	57.0	27.0	Tuxpan.....	Vancouver....	Oil.....	8,700	7,345	5,429
Salvador.....	7	13.28	12	6.58	12	14.48	12	16.12	British.....	Pacific Steam Navigation Co....	215.0	33.0	13.4	Cristobal....	Champerico...	General.....		1,213	692
Mantaro.....	4	18.40	12	10.55	12	17.10	12	21.05	Peruvian...	Peruvian Steamship Line.....	361.0	46.0	19.6	Cristobal....	Callao.....	General.....		4,838	2,959
Doonholm.....	12	10.43	12	11.02	12	18.45	12	11.20	British.....	Wirral Transportation Co.....	385.0	49.0	22.4	Cardiff.....	Lyttleton....	Coal.....	5,543		

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Arawa.....	5	19.30	6	7.29	6	15.00	7	7.08	British.....	Shaw, Saville & Albion Co.....	459.5	60.5	26.0	Auckland.....	London.....	Frozen, general..	7,000	10,036	7,504
Nankai Maru..	6	5.00	6	9.00	6	17.13	6	19.25	Japanese...	Meiji Kaiun Kaisha.....	400.0	49.2	26.0	Caleta Colosa.	Cristobal ⁸ ...	Nitrate of soda..	7,200	6,002	4,586
Nils.....	6	7.55	6	10.10	6	17.23	6	20.46	Norwegian..	Mayer & Sandalen.....	265.0	42.1	13.0	Salaverry.....	Pt. Barrios...	Sugar.....	500	2,117	1,404
Alsace.....	6	8.00	6	10.35	6	18.23	6	22.25	French.....	French Navigation Co.....	400.3	52.4	26.0	Iquique.....	France.....	Nitrate of soda..	7,067	5,879	4,156
Salvador.....	6	16.00	7	6.28	7	13.28	12	6.58	British.....	Pacific Steam Navigation Co....	225.0	35.4	13.6	Champerico...	Cristobal.....	(⁹)	212	1,213	692
War Ghurka...	7	8.00	7	9.02	7	18.25	8	6.10	British.....	Anglo-Saxon Petroleum Co.....	400.0	52.3	25.7	San Francisco.	St. Catherine..	Lubricating oil..	(¹³)		
Port Nicholson.	7	8.15	7	9.29	7	19.26	7	22.00	British.....	Commonwealth and Dom. Line.	481.2	62.3	26.6	Hobart.....	London.....	Frozen, general..	8,800	10,821	8,048
Madawaska ⁷ ...	7	16.45	8	6.32	8	17.15	9	4.00	American...	United States Government.....	508.2	33.3	24.0	San Francisco.	New York.....	General.....	244	5,475	4,179
Kaweah.....	5	18.10	8	6.41	8	17.33	8	17.33	American...	McAllister Bros., N. Y. (S. B.)	430.0	58.2		Balboa.....	New Orleans..	Ballast.....		7,680	5,664
Treloske.....	7	16.47	8	6.45	8	18.30	8	18.30	British.....	Hain Steamship Co.....	400.2	52.1	24.6	Tocopilla.....	Antwerp.....	Nitrate.....	7,154		
La Paz.....	7	21.05	8	7.01	8	20.49	9	6.39	British.....	Pacific Steam Navigation Co....	406.0	54.0	26.0	Caleta Buena.	Antwerp.....	Nitrate.....	8,025		
Livingston Roe.	7	18.45	8	7.49	8	19.05	8	20.45	American...	Standard Oil Co.....	462.4	60.2	17.6	San Francisco.	New York.....	Ballast.....			
Sir Francis....	2-22	12.01	8	6.00					American...	Thomas Drake.....	37.1	11.6	3.0	Seattle.....	Atlantic Coast	Ballast.....		7	6
Pangani.....	8	9.45	8	11.15	8	21.20	9	7.00	British.....	Allied Commission.....	420.0	56.3	24.0	Melbourne...	United King..	Wheat.....	6,936		
Neches.....	7	21.07	9	7.07	9	16.20	12	6.20	American...	United States Navy.....	477.0	55.0		Balboa.....	Port Arthur..	Ballast.....		5,620	4,124
Edward Luck- enbach.....	8	16.00	9	7.56	9	17.06	9	17.06	American...	Luckenbach Line.....	436.6	57.2	27.6	Puget Sound..	New York.....	(¹⁰)	7,849	8,543	6,427
Advance.....	9	6.00	9	9.25	9	18.10	12	15.05	American...	Panama Railroad Steamship Line	295.0	38.4	18.0	Guayaquil...	New York.....	(¹¹)	1,227	2,947	2,113
Annie Laurie ² ..			9	6.30					American...	Norbury, Grayson & Kyle.....	18.3	4.7		Balboa.....	Gatun Lake...				
Cacique.....	9	14.35	10	6.32	10	14.54	10	16.53	American...	W. R. Grace & Co.....	394.2	52.3	27.0	Puntarenas...	Norfolk.....	Nitrate.....	7,500	6,610	4,993
Haarlem.....	9	15.35	10	7.04	10	15.46	10	20.20	Dutch.....	Royal Dutch Steamship Co.....	361.0	49.0	21.3	Corral.....	Rotterdam...	(¹²)	5,290	4,759	3,660
Tabolsk.....	10	4.20	10	10.37	10	18.11	12	11.30	Russian....	Russian Volunteer Fleet.....	286.0	40.6	12.5	Macao.....	Habana.....	General.....	187		
Cape Romain..	10	12.20	10	14.02	10	20.48	10	20.48	American...	Atl. Gulf & Pacific S. S. Corp...	376.4	52.3	23.0	San Francisco.	Baltimore....	General, lumber.	4,752	5,142	3,568
Los Angeles...	11	16.30	12	6.36	12	15.22	12	15.22	American...	Union Oil Co. of California.....	435.0	56.0	19.0	Los Angeles...	Puerto Lobos..	Ballast.....		7,380	5,195
Peru.....	11	23.00	12	8.40	12	16.07	12	17.31	Danish.....	East Asiatic Co.....	425.3	55.2	27.0	Portland.....	Avonmouth...	Wheat.....	8,243	7,407	5,660

⁷ Transport. ⁸ For orders. ⁹ Coffee, hides, and general. ¹⁰ Lumber, ties, and general. ¹¹ Ivory nuts, cocoa, and coffee. ¹² Nitrate, tin ore, and foodstuffs. ¹³ 50,000 barrels.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
March 6.....	Ulysses ¹⁴	Panama Railroad Steamship Line..	Norfolk.	March 6.....	Turrialba.....	United Fruit Co.....	Bocas del Toro.
March 7.....	Parismina.....	United Fruit Co.....	New Orleans.	March 8.....	Panama.....	Panama Railroad Steamship Line..	New York via Haiti.
March 9.....	Santa Leonora.....	United States Army.....	San Juan.	March 9.....	Parismina.....	United Fruit Co.....	New Orleans via Bocas del Toro and Habana.
March 9.....	Eagle No. 4.....	United States Navy.....	High seas.				
March 9.....	Achilles ¹⁵	Panama Railroad Steamship Line..	Norfolk.	March 10....	Turrialba.....	United Fruit Co.....	New Orleans.
March 10....	Turrialba.....	United Fruit Co.....	Bocas del Toro.	March 10....	Santa Leonora.....	United States Army.....	New York.
March 10....	La Navarre.....	French Line.....	San Nazaire and wayports	March 10....	Ulysses ¹⁴	Panama Railroad Steamship Line..	Norfolk.

¹⁴ And barge *Mamei*.

¹⁵ And barge *Darien*.

*Other than ships passing through the Canal.

(Continued on page 471, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, March 19, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Maricopa.....	12	21.45	13	6.55	13	15.25	13	17.13	Norwegian..	W. Wilhelmsen.....	425.0	52.0	28.0	Puerto Lobos.	Antofagasta...	Crude oil.....	9,000	6,996	5,108
Huanchaco.....	13	10.19	14	6.15	14	13.58	14	15.10	British.....	Pacific Steam Navigation Co....	391.0	50.0	23.0	Liverpool.....	Coronel.....	General.....	5,017	5,905	4,391
Imperoyal.....	13	15.43	14	6.25	14	14.10	14	15.20	British.....	Imperial Oil Co.....	249.5	43.0	15.0	Halifax.....	Talara.....	Ballast.....	2,291	1,595	
Yorba Linda...	14	18.00	15	6.24	15	13.58	15	15.00	American...	General Petroleum Co.....	440.0	56.0	28.6	Tampico.....	Tocopilla.....	Crude oil.....	7,400	7,642	5,364
Statesman.....	14	14.58	15	6.34	15	14.05	15	15.15	British.....	Harrison Line.....	446.0	53.0	21.0	Liverpool.....	Los Angeles...	General.....	2,900	6,361	4,592
Hague Maru...	15	7.14	15	7.57	15	16.02	15	17.20	Japanese...	Osaka Shosen Kaisha.....	407.0	50.8	17.3	New York....	Yokohama...	Machinery, gen..	1,154	6,202	4,507
Seine Maru...	15	8.15	15	8.50	15	17.14	16	1.16	Japanese...	Suzuki & Co.....	425.0	53.0	29.0	Nuevitas.....	Yokohama...	Sugar.....	8,890	7,164	5,415
Eldorado.....	15	18.38	16	6.23	16	14.05	16	15.10	American...	Western Transport Co.....	245.0	42.0	19.3	New Orleans..	Los Angeles...	General.....	2,053	2,439	1,671
Chiquimula ¹ ...	14	7.25	16	6.38	16	15.47	16	16.55	American...	Chiquimula Shipping Corp.....	176.3	36.1	12.6	Philadelphia..	La Union.....	R. R. supplies, etc	488	716	530
Tasmania.....	15	21.55	16	6.45	16	14.58	16	16.10	British.....	New Zealand Shipping Co.....	482.2	62.7	28.0	Liverpool.....	Auckland.....	General.....	5,606	9,460	6,605
Cordelia.....	15	21.30	16	7.20	16	16.49	16	21.24	British.....	C. T. Bowring & Co.....	420.3	54.0	27.0	Puerto Lobos.	Los Angeles...	Crude oil.....	9,000	6,690	4,963
La Habra.....	16	1.45	16	8.55	16	16.56			Norwegian..	W. Wilhelmsen.....	424.8	57.0	26.2	Tampico.....	Balboa.....	Crude oil.....	9,600	7,053	5,085
Arawan II ² ...	9	7.00	16	9.05	16	16.45	17	7.17	American...	Chas. Longstruts.....	64.0	16.0	4.6	Kingston.....	San Diego....	Ballast.....		61	41
Tofuku Maru...	16	9.28	16	9.55	16	18.02	17	17.55	Japanese...	Kokusai Kisen Kaisha.....	385.0	51.0	26.5	New York....	Melbourne...	Case oil.....	6,142	5,919	4,400
Otira.....	16	6.10	16	10.37	16	19.29	16	22.44	British.....	Shaw, Saville & Albion Co.....	450.0	58.0	26.1	St. Johns.....	Sydney.....	General.....	5,900	8,154	5,309
Eastern Im- porter.....	16	10.45	16	11.10	16	19.39	16	20.59	American...	Pacific Mail Steamship Co. (S. B.)	384.6	51.2	28.3	Norfolk.....	San Diego....	Coal (Navy)....	7,837	6,347	4,453
Santa Teresa...	16	5.44	16	11.35	16	20.23	16	21.16	American...	W. R. Grace & Co.....	360.2	51.6	24.0	New York....	Valparaiso...	General.....	3,356	5,726	4,086
Canastota.....	16	7.24	16	13.20	16	21.58	17	5.00	British.....	Canastota Steamship Co.....	405.0	52.3	24.6	New York....	Sydney.....	Case oil, general.	6,500	5,530	4,101
America ³	14	15.15	16	6.00	16	8.35			American...	J. H. Stilson.....				Cristobal.....	Gatun Lake...	Ballast.....		7	6
Laura C. Hall ⁴	15	15.55	17	6.12	17	14.10	18	10.40	British.....	Pacific Metals Corp.....	82.0	25.6	10.0	Cristobal.....	Buenaventura.	General, mach...	20	130	69
Port Pirie.....	16	19.14	17	6.35	17	13.38	17	14.45	British.....	Commonwealth and Dom. Line	470.0	58.4	23.1	London.....	Auckland.....	General.....	6,200	9,381	6,915
Katrina Luck- enbach.....	16	10.48	17	7.40	17	16.20	17	17.25	American...	Luckenbach Line.....	446.0	56.0	28.0	New York....	San Francisco.	General.....	7,500	8,508	6,179
Shrophshire...	17	12.20	17	8.29	17	17.35	17	23.35	British.....	Federal Steam Navigation Co...	520.0	61.4	28.6	Liverpool.....	Wellington...	General.....	6,685	12,275	8,918
Point Bonita...	16	13.22	17	10.13	17	17.59	17	18.58	American...	Pacific Mail Steamship Co.....	289.0	44.0	27.2	Baltimore....	San Francisco.	General.....	2,843	2,895	1,993
O-15 ⁴			17	8.04	17	18.47			American...	United States Navy.....				Coco Solo....	Balboa.....				
O-12 ⁴			17	8.25	17	18.45			American...	United States Navy.....				Coco Solo....	Balboa.....				
Lages.....	14	7.15	18	6.15	18	14.10	18	15.30	Brazilian...	Brazilian Government.....	421.9	55.3	26.0	Norfolk.....	Coquimbo...	Coal.....	6,700	6,555	4,566
Caddo.....	17	16.27	18	6.21	18	14.40	19	14.45	American...	Standard Oil Co.....	414.5	55.2	29.0	Tuxpan.....	Vancouver...	Crude oil.....	8,500	6,438	4,391
Sumatra Maru.	18	1.50	18	7.13	18	15.35	18	16.35	Japanese...	Osaka Shosen Kaisha.....	385.1	51.0	26.0	Galveston....	Yokohama...	General.....	3,378	5,909	4,416
Bradford.....	18	8.20	18	9.00	18	16.35	18	21.25	American...	Standard Oil Co.....	426.0	54.0	27.6	Tampico.....	Pisagua.....	Crude oil.....	8,000	7,318	5,458
Santa Paula...	18	9.38	18	10.05	18	18.14	18	22.04	American...	W. R. Grace & Co.....	404.6	53.9	25.6	New York....	Talcahuano...	General.....	6,522	6,744	4,825
Helder.....	18	6.30	19	6.00	19	13.30	19	21.08	Dutch.....	Royal Netherlands W. I. Mail...	359.0	49.8	13.3	Amsterdam...	Corral.....	General.....	1,527	5,117	3,807
Seminole.....	18	14.37	19	6.10	19	14.30			American...	Tampico Interocean Co. (S. B.)	400.0	54.0	27.6	Charleston...	Coquimbo...	Coal.....	7,698 ¹		
Cristobal.....	19	6.43	19	7.35	19	15.45			American...	Panama Railroad Steamship Line	489.0	60.0	29.0	Norfolk.....	Balboa.....	Coal.....	9,546 ¹		

¹ Motor schooner.² Yacht.³ Launch.⁴ Submarine.

Benjamin Brewster.....	18	16.00	19	8.28	19	16.51	20	17.35	American...	Standard Oil Co.....	411.6	53.4	26.3	Tampico.....	Pisagua.....	Crude oil.....	7,500	6,360	4,337
Coalinga.....	18	22.45	19	9.40	19	19.09	19	20.35	American...	Union Oil Co.....	471.0	55.0	.....	Tampico.....	Los Angeles...	Crude oil.....	.....	8,107	5,627
Bowes Castle...	19	10.05	19	11.08	19	19.22	19	22.51	British.....	James Chambers & Co.....	418.5	56.1	24.0	New York....	Manila.....	General mdse...	4,646	6,675	4,698
Conshohocken...	18	19.24	19	11.10	19	19.50	19	22.49	American...	Williams Steamship Co. (S. B.)..	435.0	57.0	20.4	Philadelphia..	Vancouver....	General.....	2,500	7,983	5,882
Quilpue.....	17	16.28	19	11.11	19	20.36	20	1.20	British.....	Pacific Steam Navigation Co....	361.2	46.0	18.6	New York....	Guayaquil....	General.....	216	4,742	3,023
Saint Andre....	18	4.00	19	13.05	19	20.46	19	21.35	French.....	Cie Gle. Transatlantique.....	397.9	50.3	16.6	Havre.....	Talcahuano...	General.....	776	5,917	4,146
J. A. McKie ⁵...	.....	.....	19	8.30	19	10.29	.....	.....	American...	United States Army.....	.....	.....	.....	Cristobal.....	Gatun Lake...	.....	.....	.....	.....
Sciota ⁵	16	18.20	19	10.50	19	17.00	.....	.....	American...	United States Navy.....	.....	.....	.....	Cristobal.....	Balboa.....	.....	.....	.....	.....

⁵ Tug.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

West Cayote...	12	12.45	13	6.52	13	14.25	13	14.25	American...	Williams-Dimond & Co. (S. B.)..	410.5	54.3	24.8	San Francisco.	Glasgow.....	General.....	6,142	6,567	4,899
Laurel Branch..	12	23.30	13	7.50	13	15.50	13	19.10	British.....	Nautilus Steamship Co.....	360.0	46.0	.....	Puntarenas...	Liverpool.....	Nitrate, general.	5,234	4,182	3,033
Ebro.....	13	5.30	13	8.45	13	16.27	14	4.00	British.....	Pacific Steam Navigation Co....	450.3	57.8	.....	Valparaiso...	New York....	General.....	1,963	9,089	6,215
Mason ⁶	2-25	15.32	13	11.14	13	16.58	13	16.58	American...	United States Navy.....	310.0	31.0	.....	Balboa.....	Guantanamo...	.....	.....	.....	.....
Wangaratta....	14	1.20	14	7.50	14	15.15	15	9.25	British.....	British India Steam Nav. Co....	450.0	58.5	23.0	New Plymouth	Falmouth....	Frozen beef....	3,772	8,288	5,227
Collegian.....	14	5.30	14	8.07	14	16.06	14	16.40	British.....	F. & J. Harrison.....	455.4	56.2	25.7	Victoria.....	London.....	General.....	8,200	7,712	5,437
Point Lobos...	13	13.35	14	9.17	14	17.08	14	23.22	American...	Pacific Mail Steamship Co.....	289.0	44.1	18.6	San Francisco.	Baltimore....	(⁹)	2,196	2,895	1,967
Laura C. Hall ⁷	14	13.20	15	6.28	15	15.55	17	6.12	British.....	Pacific Metals Transp. Co.....	82.0	25.6	10.0	Buenaventura.	Cristobal.....	Coffee.....	70½	130	69
Oriana.....	14	15.20	15	6.30	15	14.00	16	6.13	British.....	Pacific Steam Navigation Co....	465.7	56.2	26.2	Coronel.....	Liverpool....	General.....	3,250	8,620	5,345
John Worthington.....	14	14.45	15	7.10	15	14.25	15	14.25	American...	Standard Oil Co. of N. J.....	464.4	60.2	20.0	Antofagasta...	Tampico.....	Ballast.....	.....	8,491	6,096
Lehigh.....	14	19.00	15	7.35	15	15.40	15	15.40	American...	N. Atl. & Western S. S. Co. (S.B.)	390.0	54.2	17.7	Seattle.....	Boston.....	Lumber, general.	2,993	6,106	4,346
Eemdijk.....	15	16.30	16	6.30	16	19.10	16	20.30	Dutch.....	Holland-American Line.....	469.4	58.2	27.0	Seattle.....	London.....	General.....	8,950	8,514	6,066
S. V. Harkness.	15	17.25	16	6.48	16	18.18	16	22.13	American...	Standard Oil Co.....	419.4	57.2	19.0	Valparaiso...	Tampico.....	Ballast.....	.....	7,443	5,545
Lorain.....	15	19.40	16	7.11	16	20.16	16	20.08	American...	U. S. & Australian Lines (S. B.)..	395.5	55.0	21.0	Melbourne...	New York....	(¹⁰)	5,120	7,289	5,256
Paparoa.....	15	18.40	16	7.39	16	21.10	17	1.45	British.....	New Zealand Shipping Co.....	430.0	54.2	24.0	Dunedin.....	London.....	General, frozen..	3,351	8,174	6,092
Sciota ⁵	14	1.15	16	8.41	16	18.20	19	10.50	American...	United States Government.....	149.3	30.0	.....	Las Palmas...	Cristobal.....	.....	.....	.....	.....
Manavi.....	15	22.00	16	10.07	16	19.40	.....	.....	British.....	Pacific Steam Navigation Co....	216.0	35.1	12.0	Guayaquil....	Cristobal.....	Produce.....	62	1,357	884
War Sepoy....	16	9.15	16	12.35	16	21.54	17	7.28	British.....	British Admiralty.....	400.0	52.3	19.0	Tarakan.....	Beaumont....	Ballast.....	.....	.....	.....
Willfarro.....	16	11.47	16	13.04	16	22.45	16	22.45	American...	William Steamship Co.....	386.8	52.2	22.6	Vancouver....	New York....	General.....	4,600	5,680	4,162
Hector.....	16	11.59	16	13.26	16	0.30	17	20.40	Dutch.....	Royal Netherlands W. I. Mail..	322.0	44.2	23.6	Antofagasta...	Cristobal ⁸ ...	Nitrate.....	4,377	3,677	2,707
Gaelic Prince..	16	20.15	17	6.17	17	15.04	17	15.20	British.....	Prince Line, Ltd.....	449.5	57.3	23.6	Iloilo.....	Boston.....	(¹¹)	9,000	9,157	6,658
Quillota.....	16	15.15	17	6.40	17	15.48	18	6.15	British.....	Pacific Steam Navigation Co....	361.4	46.2	18.0	Guayaquil....	New York....	General.....	1,123	4,768	2,956
Impoco.....	16	21.00	17	8.18	17	17.34	18	6.00	British.....	Imperial Oil Co., Ltd.....	249.5	43.1	20.0	Talara.....	Halifax.....	Gasoline.....	2,679	2,341	1,598
Lyons Maru...	17	7.00	17	9.26	17	16.37	17	18.02	Japanese...	Nippon Yusen Kaisha.....	445.0	58.0	17.6	Kobe.....	New York....	General.....	4,202	.....	.....
Santa Elisa...	17	14.45	17	15.12	17	21.44	17	23.05	American...	Grace Line.....	360.3	51.7	25.1	Valparaiso...	New York....	(¹²)	3,976	5,957	4,325
City of Berkeley.....	10	12.05	18	6.40	18	14.20	18	14.35	American...	Barber Steamship Co. (S. B.)....	402.5	53.0	27.3	Manila.....	New York....	(¹³)	2,680	6,524	4,741
C. D. Bryant..	2-19	18.30	18	7.14	18	18.25	19	8.40	American...	Alexandria Woodside.....	172.0	37.0	19.1	Callao.....	Port-of-Spain.	Nitrate.....	1,310	.....	.....
Swift Star.....	17	18.15	18	7.43	18	15.22	.....	.....	American...	Swiftsure Oil and Transp. Co....	464.6	60.2	20.0	San Francisco.	Tampico.....	Ballast.....	.....	.....	.....
Siam.....	17	13.10	18	8.29	18	16.12	18	19.53	Danish.....	East Asiatic Co.....	398.2	53.6	27.6	Vancouver....	St. Nazaire...	General.....	9,018	7,068	5,303
Balboa ²	17	23.00	18	8.55	18	17.02	18	18.02	Swedish....	Johnson Line.....	426.9	56.3	26.8	San Francisco.	United King..	General.....	6,640	.....	.....
Gold Star ³	11	14.03	18	6.38	.....	.....	.....	.....	American...	Panama Canal Lighthouse Div..	110.0	20.0	.....	Balboa.....	Gatun.....	.....	.....	.....	.....
La Habra.....	16	16.56	19	7.06	19	17.45	19	17.45	Norwegian..	W. Wilhelmsen.....	424.8	57.0	.....	Balboa.....	Tampico.....	Ballast.....	.....	7,053	5,085
Urubamba.....	19	3.25	19	8.06	19	18.40	.....	.....	Peruvian...	Peruvian Steamship Co.....	381.2	41.1	18.0	Callao.....	Cristobal.....	(¹⁴)	1,947	4,803	2,951

⁶ Destroyer.

⁸ For orders.

⁹ Beans, onions, dyewood, and coffee.

¹⁰ General and chrome ore.

¹¹ General, rubber, hemp, oil, and coconuts.

¹² Nitrate of soda and general.

¹³ Manganese ore and general cargo.

¹⁴ Copper, cotton, skins, etc.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

MOVEMENTS OF OCEAN VESSELS—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC—continued.

Ship	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Barima.....	19	5.00	19	8.39	19	18.45	....	....	British.....	Royal Mail Steam Packet Co....	220.0	37.0	12.0	Champerico...	Cristobal.....	Produce.....	533.46	1,551	918
Somerset.....	18	22.00	19	9.30	19	19.55	19	22.50	British.....	Federal Steam Navigation Co....	460.6	62.8	26.6	Melbourne....	London.....	Frozen, general..	7,150	9,943	7,530
Walter A. Luckenbach..	19	12.55	19	12.25	19	20.19	19	20.19	American...	Luckenbach Line.....	446.4	56.1	28.0	San Pedro....	Boston.....	General.....	7,300	8,785	6,497

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
March 13....	Atenas.....	United Fruit Co.....	New Orleans and way-ports.	March 13...	Gen. O. H. Ernst....	Panama Railroad Steamship Line..	Puerto Colombia.
March 14....	Cartago.....	United Fruit Co.....	New Orleans.	March 13...	Achilles ¹⁵	Panama Railroad Steamship Line..	Norfolk.
March 16....	Atenas.....	United Fruit Co.....	Bocas del Toro.	March 13...	Atenas.....	United Fruit Co.....	Bocas del Toro.
March 16....	Sixaola.....	United Fruit Co.....	New York via Kingston.	March 14...	La Navarre.....	French Line.....	Puerto Colombia.
March 16....	Segura.....	Royal Mail Steam Packet Co.....	London and wayports.	March 16...	Colon.....	Panama Railroad Steamship Line..	New York via Haiti.
March 16....	Tivives.....	United Fruit Co.....	Colombian ports.	March 16...	Atenas.....	United Fruit Co.....	New Orleans.
March 17....	Manuel Calvo.....	Spanish Line.....	Barcelona via wayports.	March 17...	Tivives.....	United Fruit Co.....	New York via Kingston.
March 17....	Hekla.....	Thore Steamship Co.....	Cartagena.	March 17...	Sixaola.....	United Fruit Co.....	New York via Colombia and Kingston.
March 17....	Ancon.....	Panama Railroad Steamship Line..	Norfolk.	March 17...	Cartago.....	United Fruit Co.....	New Orleans via Bocas del Toro and Habana.
March 18....	Eagle No. 36.....	United States Navy.....	New Orleans.	March 18...	Manuel Calvo.....	Spanish Line.....	Puerto Colombia.
March 18....	Pastores.....	United Fruit Co.....	New York via wayports.	March 19...	Pastores.....	United Fruit Co.....	New York via Port Limon and Habana.
March 19....	Patuca.....	Elders & Fyffes Line.....	Port Limon.	March 19...	Patuca.....	Elders & Fyffes Line.....	Kingston.
March 19....	Crijnsen.....	Royal Netherlands W. I. Mail....	Amsterdam via wayports.	March 19...	Hekla.....	Thore Steamship Co.....	New York via wayports.
March 19....	Ottar.....	J. C. Knudson.....	Puerto Colombia.				

¹⁵ And barge *Darien*.

PORT OF BALBOA.

March 15....	Kiyo Maru.....	Toyo Kisen Kaisha.....	Hongkong.	March 17...	Kiyo Maru.....	Toyo Kisen Kaisha.....	Valparaiso.
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*Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, March 26, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Bratsberg.....	19	15.11	20	6.20	20	14.05	20	15.30	Norwegian..	Borgstad Steamship Co.....	345.0	49.0	26.0	New York....	Valparaiso....	Coal and general	4,693	4,263	3,042
Bakersfield.....	19	22.10	20	7.35	20	15.45	20	20.37	American...	Williams-Dimond & Co. (S. B.)..	410.5	54.3	14.6	Hamburg.....	Seattle.....	General.....	651	6,593	4,924
Mexican.....	20	7.20	20	8.18	20	16.08	20	17.15	American...	American-Hawaiian Line.....	472.3	57.2	19.0	Boston.....	Los Angeles...	General.....	2,659	9,258	6,912
Sacramento ¹ ...	11	9.10	21	6.19	21	13.35	22	7.51	American...	United States Navy.....	226.2	40.0	14.4	Almirante....	Balboa.....	.....	.....	.....	.....
Florence Olson..	20	14.35	21	6.20	21	13.50	21	18.00	American...	Oliver J. Olson.....	213.7	42.0	17.0	Ensenada....	Talara.....	Ballast.....	.....	1,381	635
Eelbeck.....	20	22.10	21	7.10	21	15.05	21	21.11	American...	Williams-Dimond & Co. (S. B.)..	401.7	54.8	17.0	Glasgow.....	San Francisco.	General.....	1,572	6,928	5,103
Wenatchee.....	21	8.14	21	10.00	21	16.11	22	19.40	American...	Pacific Steamship Co. (S. B.)...	516.0	72.0	25.0	New York....	Seattle.....	General.....	2,201	15,296	10,592
Australrange...	21	7.42	21	10.30	21	18.52	21	21.52	British.....	Australian Government.....	375.0	53.0	24.6	Nuevitas....	Sydney.....	Sugar.....	5,900	4,695	3,446
Moerdijk.....	20	19.15	21	13.32	21	20.09	21	21.13	Dutch.....	Holland-American Line.....	473.0	61.0	18.0	Rotterdam...	Victoria.....	General.....	1,500	9,165	6,961
O-13 ².....	.....	.....	21	7.10	21	15.05	.....	.....	American...	United States Navy.....	.....	.....	.....	Cristobal....	Balboa.....	.....	.....	.....	.....
Amaryllis ³	18	9.30	22	6.30	22	17.40	.....	.....	British.....	Lieut. G. H. P. Mulhauser.....	53.9	13.0	10.0	Plymouth....	Sydney.....	Ballast.....	.....	28	8
Manavi.....	16	20.40	22	7.08	22	14.16	22	15.25	British.....	Pacific Steam Navigation Co....	216.0	35.0	12.2	Cristobal....	Guayaquil....	General.....	240	1,357	884
Tippecanoe....	22	8.45	22	9.40	22	17.18	23	12.07	American...	Walker & Daley.....	477.0	60.0	23.0	Amsterdam...	Seattle.....	Creosote.....	5,004	8,672	6,532
Belridge.....	22	13.09	22	13.25	22	21.30	22	22.48	Norwegian..	W. Wilhelmsen.....	425.0	57.0	27.4	Tampico.....	Antofagasta...	Petroleum.....	9,300	7,065	5,095
Granite State..	22	11.55	22	13.45	22	21.42	23	7.37	American...	Pacific Mail Steamship Co. (S. B.)..	502.0	62.0	23.0	Baltimore....	San Francisco.	General.....	1,485	12,031	8,443
J. W. McKie ⁴..	.....	.....	22	.....	22	9.02	.....	.....	American...	United States Army.....	.....	.....	.....	Cristobal....	Gatun Lake...	.....	.....	.....	.....
No. 1266 ⁴....	.....	.....	22	.....	22	9.02	.....	.....	American...	United States Army.....	.....	.....	.....	Cristobal....	Gatun Lake...	.....	.....	.....	.....
Mafalda ⁵	21	18.40	23	6.40	23	14.47	23	16.10	Norwegian..	Fred Th. Bergh.....	245.0	37.2	19.4	Porsgrund...	Honolulu.....	Ammonia.....	1,817	1,455	1,327
Montgomery City.....	23	6.22	23	6.45	23	13.46	23	18.00	American...	U. S. Steel Products Co.....	425.0	56.0	25.1	New York....	San Francisco.	General.....	8,989	7,539	5,448
Ethel ⁴	23	.....	23	6.00	23	18.44	23	19.35	American...	A. Woolnough.....	22.4	5.7	3.2	Cristobal....	Balboa.....	.....	.....	2	2
Eastern Mariner.....	23	10.23	23	10.50	23	18.05	23	21.45	American...	Thorndyke & Trenholm (S. B.)..	415.0	56.0	22.6	Antwerp.....	San Francisco.	Iron, silver sand.	2,900	7,329	5,373
Palena.....	20	13.30	23	11.17	23	18.44	23	21.15	Chilean....	South American S. S. Line.....	350.0	42.0	24.6	Cristobal....	Valparaiso....	General.....	825	3,666	2,577
Inca.....	22	17.14	24	6.23	24	13.34	24	14.45	British.....	Pacific Steam Navigation Co....	360.6	43.2	20.8	Hull.....	Valparaiso....	General.....	3,103½	3,952	2,742
Yalza.....	23	18.55	24	6.45	24	14.43	24	15.42	American...	North Atl. & Western Co. (S. B.)..	400.7	54.2	18.6	Portland, Me..	Portland, Oreg.	General.....	3,613	6,529	4,737
Eastern Sailor..	24	6.21	24	7.20	24	15.41	24	16.37	American...	Williams-Dimond & Co. (S. B.)..	415.0	56.0	27.7	Norfolk.....	San Francisco.	Coal.....	9,653	7,704	5,707
Albion Star....	24	6.45	24	7.45	24	16.04	24	21.15	British.....	Blue Star Line.....	460.0	58.0	24.0	Barry.....	Auckland.....	Ballast.....	.....	8,317	5,531
Tremorvah....	23	20.50	24	9.22	24	17.39	24	18.40	British.....	Hain Steamship Co.....	400.0	52.3	25.0	Saline.....	Newcastle....	Oil and sulphur..	6,500	5,786	4,078
Ulysses.....	24	17.00	25	6.10	25	13.56	.....	.....	American...	Panama Railroad Steamship Line	538.0	63.0	30.3	Norfolk.....	Balboa.....	Coal.....	12,052	11,519	6,930
Urubamba.....	19	18.40	26	6.05	26	14.00	26	18.10	Peruvian...	Peruvian Steamship Line.....	381.2	41.1	19.6	Cristobal....	Callao.....	General.....	564	4,803	2,951
Hancock.....	22	17.42	26	6.10	26	16.04	.....	.....	American...	United States Navy.....	475.0	43.2	26.0	Norfolk.....	San Francisco.	Navy supplies...	445	.....	.....
Shinsei Maru...	25	15.40	26	6.20	26	15.19	26	16.35	Japanese...	Kishimoto Kisen Co.....	360.0	51.0	21.9	New York....	Yokohama....	Cotton, general..	4,894	4,754	3,516
Los Angeles....	26	6.05	26	7.30	26	16.46	26	18.05	American...	Union Oil Co.....	435.0	56.0	29.0	Puerto Lobos.	Los Angeles...	Crude oil.....	11,000	7,380	5,195
Barima.....	19	18.45	26	9.57	26	17.24	26	18.30	British.....	Pacific Steam Navigation Co....	220.5	37.0	12.6	Cristobal....	Champerico...	General.....	.....	1,651	918
Canadian Carrier.....	26	10.10	26	10.30	26	18.33	27	7.35	British.....	Canadian Government.....	319.0	44.0	22.0	Baltimore....	Callao.....	Coke, cement...	2,900	.....	.....
Tydeus.....	26	6.20	26	13.12	26	20.19	26	21.21	British.....	Alfred Holt & Co.....	455.0	54.0	27.0	New York....	Yokohama....	General.....	8,000	7,578	3,517

¹ Gunboat.² Submarine.³ Yacht.⁴ Launch.⁵ Bark.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Palena.....	19	7.00	20	6.34	20	13.30	23	11.17	Chilean.....	South American Steamship Co..	350.0	42.1	20.0	Valparaiso....	Cristobal.....	General.....	620	3,666	2,577
Cherry Branch..	20	4.00	20	7.42	20	15.10	20	17.14	British.....	Nautilus Steamship Co.....	398.4	51.9	26.0	Antofagasta...	Liverpool.....	General.....	6,560	5,395	3,982
D. G. Schofield.	20	5.30	20	8.27	20	16.08	20	16.08	American...	Standard Oil Co.....	439.5	58.0	30.0	San Francisco..	Philadelphia..	Lubricating oil..	11,000	8,912	6,254
Pengreep.....	20	7.00	20	9.44	20	17.55	20	18.55	British.....	R. B. Chellew Steamship Co....	390.0	52.0	23.9	Portland.....	Rotterdam....	Wheat.....	7,204	5,247	3,783
Eagle.....	20	10.10	20	12.13	20	19.18	20	19.30	American...	Standard Transportation Co....	410.0	56.0	18.0	San Diego.....	New York.....	Ballast.....	8,243	6,266	
Theodore																			
Roosevelt....	20	7.05	20	12.49	20	20.29	20	20.29	Norwegian..	Fred Olson & Co.....	425.5	55.2	29.2	Portland.....	Hamburg.....	Wheat.....	9,400	7,593	5,637
Ansaldo IV....	19	22.15	20	13.09	20	21.20	22	6.05	Italian.....	Societa Nazionale di Nav.....	377.0	51.0	20.0	Valparaiso....	Genoa.....	General.....	780	5,473	3,599
Balboa.....	20	13.36	20	14.31	20	22.12			American...	Colombian Maritime Co.....	190.0	29.1	15.6	Guayaquil....	Cristobal.....	General.....	656	741	350
Mina Brea.....	20	17.20	21	6.35	21	18.35	21	21.05	British.....	International Petroleum Co....	360.3	49.2	19.6	Callao.....	Texas City....	Ballast.....	4,437	2,884	
Liberator.....	20	15.30	21	6.43	21	17.49	21	17.48	American...	Atl., Gulf and Pacific S. S. Co..	410.0	56.0	19.6	Seattle.....	Baltimore....	Fruit, general...	3,000	8,199	6,250
Republic.....	20	17.05	21	6.44	21	18.40	21	21.15	American...	Chile Steamship Co.....	345.1	49.1	21.0	Antofagasta...	Baltimore....	Copper.....	4,000	4,622	3,371
Bogota.....	21	5.45	21	9.41	21	20.35	22	1.00	British.....	Pacific Steam Navigation Co....	400.0	52.4	22.6	Talcahuano...	Liverpool....	General.....	5,648	5,733	4,013
Houston.....	21	12.33	22	6.35	22	14.50	23	13.25	American...	United States Navy.....	375.0	52.0	19.3	San Diego.....	Hampton Rds.	Navy cargo....	1,900		
Cuba.....	21	11.30	22	6.38	22	14.45	27	6.11	American...	Pacific Mail Steamship Co.....	307.7	42.2	16.0	San Francisco..	Cristobal.....	General.....	657	3,429	2,206
Europa.....	21	20.30	22	7.19	22	19.00	25	9.57	Italian.....	La Veloce Line.....	406.2	53.3	21.8	Valparaiso....	Genoa.....	General.....	274	8,052	4,915
Caroline Maru..	22	10.15	22	12.19	22	20.00	22	21.50	Japanese...	Kokusai Kisen Kaisha.....	345.0	48.0	25.0	Tocopilla....	Wilmington...	Nitrate.....	5,500	4,216	2,921
Hesperos.....	22	16.20	23	6.39	23	15.55	23	15.55	Norwegian..	Bruusgaard, Drammen.....	389.8	54.1	26.0	Pisagua.....	Virginia Capes ⁶	Nitrate.....	8,289	5,693	4,230
Cara ⁴	2-17	14.53	23	6.40	23	15.55			Panaman...	Maj. G. L. FitzWilliams.....	45.0	9.0		Balboa.....	Cristobal.....				
Uncas.....	23	3.20	23	8.23	27	12.15	27	17.35	British.....	Standard Transportation Co....	375.0	51.2	15.0	San Pedro....		Ballast.....	4,861	3,261	
Imperoyal.....	23	14.45	24	6.45	24	14.40	24	16.45	British.....	Imperial Oil Co. Ltd.....	249.5	43.0	21.0	Talara.....	Halifax.....	Gasoline.....	2,756	2,291	1,595
Arizonian.....	23	15.10	24	8.13	24	15.55	24	15.55	American...	American-Hawaiian Line.....	470.1	57.2	22.5	Los Angeles...	New York....	General.....	5,989	9,158	7,015
Alvarado.....	23	15.15	24	10.55	24	18.00	24	22.12	American...	Swayne & Hoyt.....	245.0	41.5	12.0	Seattle.....	Porto Rico....	General.....	705	2,121	1,925
Amur Maru....	24	7.15	24	14.33	24	22.50	23	23.30	Japanese...	Osaka Shosen Kaisha.....	425.0	56.2	21.6	Singapore....	New York....	(7)	3,484	7,901	5,629
Acajutla.....	24	14.45	24	15.21	24	21.50			British.....	Pacific Steam Navigation Co....	215.7	33.5	13.4	Tumaco.....	Cristobal.....	(8)	384	1,273	706
Cristobal.....	19	15.45	25	9.20	25	16.14	25	22.57	American...	Panama Railroad Steamship Line	489.5	58.0		Balboa.....	Norfolk.....	Ballast.....	10,697	8,063	
Cauca.....	25	9.50	25	10.29	25	17.38			British.....	Pacific Steam Navigation Co....	246.0	35.2	13.8	Guayaquil....	Cristobal.....	(9)	597	1,582	1,023
Happy Days ⁴ ..			25	8.54	25	12.59			American...	H. J. Quigley.....				Balboa.....	Gamboa.....		1	1	
Gold Star ⁴	21		25	6.30	25	8.55			American...	Panama Canal Lighthouse Div..	110.0	20.0		Balboa.....	Gamboa.....				
Durham.....	25	16.20	26	7.27	26	17.20	26	20.40	British.....	Federal Steamship Line.....	420.0	54.0	24.0	Wellington...	Liverpool....	Frozen, general..	4,542	7,138	5,296
Gudrun Maersk	25	17.20	26	7.12	26	18.30	27	12.30	Danish.....	S. S. Comp. "Svendborg".....	361.7	51.4	25.1	Taltal.....	Norfolk.....	Saltpeter.....	7,103	4,961	3,477
Hazel Branch..	26	7.30	26	8.36	26	18.55	27	9.52	British.....	F. & W. Ritson.....	400.4	51.2	26.6	Punta Arenas	London.....	(10)	6,386	5,176	3,587

⁶ For orders.

⁷ Vegetable oil and general.

⁸ Coffee, hides, cocoa, etc.

⁹ Cocoa, coffee, and general.

¹⁰ Nitrate, sugar, metals, etc.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
March 20....	Metapan.....	United Fruit Co.....	New Orleans via way-ports.	March 20...	Metapan.....	United Fruit Co.....	Bocas del Toro.
March 20....	San Blas.....	United Fruit Co.....	Port Limon.	March 20...	San Blas.....	United Fruit Co.....	Boston.
March 20....	St. Mihiel ¹¹	United States Army.....	New York via San Juan.	March 21...	Segura.....	Royal Mail Steam Packet Co....	Cartagena.
March 21....	Abangarez.....	United Fruit Co.....	New Orleans.	March 21...	Ancon.....	Panama Railroad Steamship Line..	Norfolk.
March 22....	Allianca.....	Panama Railroad Steamship Line..	New York via Haiti.	March 21...	Crijnsen.....	Royal Netherlands W. I. Mail....	Puerto Colombia.
March 23....	Gen. O. H. Ernst....	Panama Railroad Steamship Line..	Puerto Colombia.	March 22...	Ottar.....	J. C. Knudsen.....	New York.
				March 23...	Metapan.....	United Fruit Co.....	New Orleans.

¹¹ Transport.

(Continued on page 504, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, April 2, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross	Net.
Tainui.....	26	6.20	27	6.00	27	13.03	27	14.00	British.....	Shaw, Saville & Albion Co.....	476.0	61.0	26.0	London.....	Wellington....	.....	10,631	7,606	
Cuba.....	22	14.45	27	6.11	27	13.48	27	22.30	American...	Pacific Mail Steamship Co.....	307.7	42.2	19.3	Cristobal.....	San Francisco.	General.....	720	3,420	2,206
Stanley Dollar..	26	13.44	27	6.21	27	14.50	27	16.00	American...	Dollar Line.....	288.8	44.6	21.8	Baltimore....	San Francisco.	General.....	2,911	3,460	2,404
M. S. Dollar...	27	12.30	27	13.00	27	20.12	27	21.05	British.....	Robert Dollar Co.....	475.5	61.2	20.0	New York....	San Francisco.	General.....	3,066	10,116	7,680
Winyah.....	26	13.10	28	7.25	28	17.10	28	18.52	American...	Barber Line.....	400.7	54.2	26.2	New York....	Moji.....	Case oil.....	7,280	6,528	4,786
Port Caroline..	28	10.20	28	10.59	28	18.27	28	19.40	British.....	Commonwealth and Dom. Line..	480.0	62.4	27.0	Barry.....	Wellington....	Coal.....	8,000	10,740	7,829
Robert C. Sud- den.....	28	10.40	28	11.16	28	19.02	29	15.00	American...	Crowley & Mahoney.....	223.0	43.6	20.6	Norfolk.....	San Francisco.	Coal.....	1,896	1,563	898
Matatua.....	27	20.53	27	23.18	28	20.32	28	21.50	British.....	Shaw, Saville & Albion Co.....	447.5	56.5	25.7	Glasgow.....	Dunedin.....	General.....	4,676	8,535	6,044
Canada Maru..	28	16.24	29	6.12	29	13.29	29	14.37	Japanese...	Osaka Shosen Kaisha.....	400.0	51.0	22.0	Buenos Aires.	Kobe.....	(6)	1,945	5,999	4,101
Asia ¹	28	6.15	29	6.15	29	13.51	29	14.44	Danish.....	East Asiatic Steamship Co.....	413.0	53.6	17.3	Copenhagen..	San Francisco.	General.....	2,200	7,396	5,588
Sacramento ² ...	28	18.35	29	6.45	29	16.49	30	16.02	American...	United States Navy.....	224.0	40.0	.....	Cristobal.....	Balboa.....	.....	.....	.....	.....
West Catanace.	28	19.45	29	7.30	29	17.24	29	18.30	American...	Elder Steel Steamship Co.....	410.0	54.0	24.0	Baltimore....	Honolulu.....	Coal.....	6,537	6,567	4,917
Remuera.....	29	12.07	29	8.30	29	17.43	29	23.45	British.....	New Zealand Shipping Co.....	485.0	62.3	26.4	London.....	Wellington....	General.....	4,621	11,664	8,776
Lake Fanbush..	29	1.10	29	11.55	29	19.05	29	20.02	American...	N. O. & S. A. S. S. Line (S. B.)	251.0	43.6	24.4	Jacksonville..	Valparaiso....	General, coal...	3,137	2,861	1,816
Betty ³.....	.....	.....	30	6.00	30	15.45	.....	.....	American...	J. A. Justin.....	24.0	6.0	2.5	Cristobal.....	Balboa.....	Ballast.....	.....	2	1
Pleides.....	29	18.42	30	6.45	30	14.07	30	15.20	American...	Luckenbach Line.....	331.5	47.0	24.0	New York....	San Francisco.	General.....	4,320	4,147	3,259
City of Shang- hai.....	30	7.01	30	8.01	30	15.45	30	16.50	British.....	Hall Steamship Line.....	318.5	55.0	26.6	New Orleans..	Dalney.....	General, steel...	7,573	7,019	5,374
Red Wing ⁴ ...	29	22.10	30	8.37	30	11.51	.....	.....	American...	United States Navy.....	186.0	30.0	.....	Norfolk.....	Gatun Lake...	.....	.....	.....	.....
Santa Ana.....	30	3.31	30	11.30	30	18.10	30	19.10	American...	W. R. Grace & Co.....	360.2	51.6	24.6	New York....	Valparaiso....	(7)	2,533	5,886	4,284
Chifuku Maru..	30	6.55	30	12.30	30	20.23	1	0.10	Japanese...	Kokusai Kisen Kabushiki Kaisha	385.0	51.0	22.8	Galveston....	Kobe.....	General.....	4,587	5,776	4,081
Havre Maru...	30	13.03	30	13.25	30	21.55	31	0.30	Japanese...	Kokusai Kisen Kabushiki Kaisha	400.0	53.0	26.0	Matanzas....	Yokohama....	Sugar.....	7,350	5,919	4,400
S. V. Harkness.	30	17.33	31	6.49	31	14.52	31	18.24	American...	Standard Oil Co.....	419.0	57.0	27.0	Tampico.....	Vancouver....	Crude oil.....	8,929	7,443	5,545
Canada.....	31	6.00	31	9.45	31	17.40	1	9.30	Swedish....	Johnson Steamship Line.....	427.0	56.0	19.3	Antwerp.....	Vancouver....	General.....	4,060	7,476	5,456
Cauca.....	25	17.38	31	9.47	31	16.30	31	18.10	British.....	Pacific Steam Navigation Co....	246.0	35.2	14.2	Cristobal.....	Guayaquil....	General.....	92	1,582	1,023
Lygnern.....	31	9.37	31	11.45	31	19.12	31	20.20	Swedish....	Trans Atlantic Steamship Co....	413.0	52.0	25.3	Texas City...	Melbourne....	Sulphur.....	7,100	6,280	4,567
Scotia Maiden ⁵	27	8.30	1	6.28	1	16.09	1	17.25	British.....	Scotia Maiden Co.....	149.0	33.4	17.0	Galveston....	Papeete.....	General.....	600	533	422
Eurymachus...	1	5.35	1	6.50	1	13.52	1	16.00	British.....	Alfred Holt & Co.....	400.6	52.3	19.5	Liverpool....	Tacoma.....	General.....	711	5,818	3,981
Valdez.....	1	5.52	1	7.15	1	15.16	1	20.40	American...	Alaska Steamship Co.....	244.0	43.2	21.0	Norfolk.....	Bremerton....	Coal.....	2,960	2,545	1,938
City of Auck- land.....	1	13.10	2	6.29	2	13.45	2	14.45	British.....	Hall Steamship Line.....	478.0	62.0	28.6	New York....	Lyttleton....	General.....	9,000	9,394	6,723
West Isleta....	1	22.05	2	6.34	2	14.35	2	15.28	American...	N. Atl. & West. S. S. Co. (S. B.)	409.8	54.2	18.6	Philadelphia.	Portland.....	General.....	1,359	6,759	4,900
Agron.....	1-23	20.50	2	6.59	2	10.45	.....	.....	American...	Universal Ship. Trad. Co. (S. B.)	273.5	49.1	15.0	Cristobal.....	Gatun Lake...	Ballast.....	.....	.....	.....
Maple Branch..	2	6.11	2	10.10	2	17.30	2	18.55	British.....	F. & W. Ritson.....	400.0	52.0	22.11	Liverpool....	Corral.....	General.....	6,600	5,618	4,116
Rio Gatun ³...	.....	.....	2	10.45	2	.....	.....	.....	Panaman...	A. R. Echardt.....	31.4	8.0	7.0	Cristobal.....	Monte Lirio...	Ballast.....	.....	8	7

¹ Motor ship.² Gunboat.³ Launch.⁴ Tug towing barges Nos. 469 and 470.⁵ Auxiliary schooner.⁶ Quebracho extract, machinery, cotton, rosin, lumber, and merchandise.⁷ Machinery, paint, provisions, and general.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Almelo.....	26	17.45	27	6.32	27	14.15	27	16.19	Dutch.....	Royal Netherlands Steamship Co.	463.0	62.3	28.0	Talcahuano...	Rotterdam....	Nitrate, general..	10,000	9,402	6,653
Spermina.....	26	23.00	27	8.40	27	18.05	28	6.29	British.....	Chas. Lowe and partners.....	349.7	47.1	20.6	Caleta Buena.	Falmouth ⁹	Nitrate.....	5,300	3,698	2,679
Santa Tecla....	27	4.20	27	8.50	27	17.30	27	17.40	American...	W. R. Grace & Co.....	298.6	40.0	17.8	Callao.....	New York....	General.....	2,212	2,834	1,795
Orduna.....	27	19.00	28	6.30	28	18.20	29	10.43	British.....	Pacific Steam Navigation Co....	550.3	67.0	30.0	Valparaiso...	Liverpool....	General.....	5,948	17,155	11,897
Sacramento....	25	.....	28	6.40	28	18.35	29	6.45	American...	United States Navy.....	224.0	40.0	.....	Balboa.....	Cristobal.....	.....	.....	.....	.....
Steel Inventor..	2-27	15.00	28	7.00	28	19.30	28	19.30	American...	United States Steel Products Co.	424.2	56.2	26.1	Vancouver...	New York....	General.....	6,450	7,538	5,448
O-11 ⁸	24	17.43	28	7.25	28	17.55	.....	.....	American...	United States Navy.....	.....	.....	.....	Balboa.....	Cristobal.....	.....	.....	.....	.....
City of Para...	27	21.00	28	10.25	28	20.40	3	6.15	American...	Pacific Mail Steamship Co.....	345.0	38.6	17.0	San Francisco.	Cristobal.....	General.....	337	3,739	2,458
Poplar Branch.	28	11.25	28	12.12	28	21.50	29	9.25	British.....	F. & W. Ritson.....	396.2	56.2	23.0	Puntarenas...	London.....	Nitrate, sugar...	7,379	6,640	5,107
George Wash- ington.....	28	9.10	28	14.52	28	22.30	28	22.30	Norwegian..	Fred Olsen & Co.....	425.5	55.3	28.0	San Francisco.	Leith, Scotland	Barley, general..	8,510	7,505	5,626
San Joaquin....	25	14.30	29	6.25	29	15.57	29	17.17	Norwegian..	Wilhelm Wilhelmsen.....	425.4	57.1	19.0	Valparaiso...	Tampico.....	Ballast.....	.....	7,059	5,081
O-16 ⁸	2-24	17.43	29	7.15	29	15.57	.....	.....	American...	United States Navy.....	.....	.....	.....	Balboa.....	Cristobal.....	.....	.....	.....	.....
Santa Luisa....	30	5.00	30	7.53	30	17.56	30	19.09	American...	W. R. Grace & Co.....	360.2	51.6	19.6	Valparaiso...	New York....	(¹⁰)	2,000	5,604	3,975
Hermion.....	30	15.45	31	6.30	31	18.05	1	23.20	Norwegian..	Bruusgaard Kiosterud.....	389.8	54.1	23.8	Portland.....	Brake.....	Wheat.....	7,808	5,745	4,231
Ulysses.....	25	13.56	31	6.42	31	16.30	31	16.30	American...	Panama Railroad Steamship Line	536.0	65.0	.....	Balboa.....	Norfolk.....	Ballast.....	.....	11,519	6,930
S. C. 284.....	.....	.....	31	7.48	31	17.53	.....	.....	American...	United States Navy.....	110.0	16.0	.....	Balboa.....	Coco Solo.....	.....	.....	.....	.....
S. C. 286.....	2-20	16.49	31	7.48	31	17.53	.....	.....	American...	United States Navy.....	110.0	16.0	.....	Balboa.....	Coco Solo.....	.....	.....	.....	.....
S. C. 288.....	2-19	18.46	31	7.48	31	17.53	.....	.....	American...	United States Navy.....	110.0	16.0	.....	Balboa.....	Coco Solo.....	.....	.....	.....	.....
S. C. 355.....	20	16.49	31	7.48	31	17.53	.....	.....	American...	United States Navy.....	110.0	16.0	.....	Balboa.....	Coco Solo.....	.....	.....	.....	.....
Spain Maru....	1	0.05	1	7.52	1	15.52	1	17.10	Japanese...	Kawasaki Co.....	385.0	51.0	27.0	Mejillones...	Savannah....	Nitrate.....	8,010	5,924	4,392
Frederick Luck- enbach.....	1	2.10	1	7.56	1	16.05	1	17.10	American...	Luckenbach Line	317.5	40.2	21.0	Portland.....	Philadelphia..	General.....	3,000	2,986	2,091
Gen. H. F. Hodges.....	2	2.00	2	7.46	2	14.51	.....	.....	American..	Panama Railroad Steamship Line	323.5	39.0	21.0	Guayaquil....	New York....	General.....	2,460	3,013	1,574
Sherman.....	2	7.45	2	8.58	2	16.12	2	16.12	American..	Sherman Steamship Co., Inc....	400.3	45.3	21.0	San Antonio..	New York....	Copper bars....	4,000	4,989	3,512

⁸ Submarine.

⁹ For orders.

¹⁰ Nitrate, sugar, and vanadium.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
March 27....	Turrialba.....	United Fruit Co.....	New Orleans via way- ports.	March 27...	Turrialba.....	United Fruit Co.....	Bocas del Toro.
March 27....	Gen. G. W. Goethals.	Panama Railroad Steamship Line..	New York via Haiti.	March 28...	Oranje Nassau.....	Royal Netherlands W. I. Mail Co..	Port Limon.
March 28....	Parismina.....	United Fruit Co.....	New Orleans.	March 30...	Turrialba.....	United Fruit Co.....	New Orleans.
March 28....	Oranje Nassau.....	Royal Netherlands W. I. Mail.....	Amsterdam via wayports	March 31...	Santa Marta.....	United Fruit Co.....	New York via Kingston.
March 29....	Ramiro ¹¹	Jose M. de La Vega.....	Cartagena.	March 31...	Parismina.....	United Fruit Co.....	New Orleans via Bocas del Toro and Habana.
March 29....	Achilles ¹²	Panama Railroad Steamship Line..	Norfolk.	March 31...	Carrillo.....	United Fruit Co.....	New York via Colombia and Kingston.
March 30....	Turrialba.....	United Fruit Co.....	Bocas del Toro.	March 31...	Philadelphian.....	Leyland Line.....	New Orleans.
March 30....	Carrillo.....	United Fruit Co.....	New York via Kingston.	April 1.....	Ramiro ¹¹	Jose M. de La Vega.....	Cartagena.
March 31....	Santa Marta.....	United Fruit Co.....	Colombian ports.	April 2.....	Achilles ¹²	Panama Railroad Steamship Line..	Norfolk.
March 31....	Atlas ¹³	Curasche Scheepvart.....	Curacao.	April 2.....	Tolosa.....	United Fruit Co.....	New York via Port Limon and Habana.
March 31....	Dowea.....	Curacao Shipping Co.....	Curacao.				
April 1.....	Tolosa.....	United Fruit Co.....	New York via wayports.				

¹¹ Motor schooner.

¹² Collier.

¹³ Tug.

(Continued on page 517, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, April 9, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Ohioan.....	2	18.02	3	6.10	3	13.09	3	13.58	American...	American-Hawaiian Line.....	407.0	53.7	21.0	New York....	Los Angeles...	General.....	2,525	7,106	5,066
City of Para... 3-28	20.40		3	6.15	3	14.25	3	16.52	American...	Pacific Mail Steamship Co.....	345.0	38.6	17.7	Cristobal....	San Francisco.	General.....	786	3,739	2,459
Tisnaren.....	3	6.36	3	8.15	3	15.48	3	18.00	Swedish....	Rederiaktieb Transatlantic.....	436.8	56.2	16.0	Hamburg.....	Sydney.....	Ballast.....		7,601	5,346
Australglen....	3	7.15	3	9.05	3	16.40	3	21.40	British.....	Commonwealth Government....	386.0	52.3	23.6	Cienfuegos...	Sydney.....	Sugar.....	5,780	4,722	3,385
Helikon.....	2	21.07	3	11.10	3	18.35	3	19.30	Norwegian..	Bruusgaard Kiosterud.....	280.5	40.0	18.8	New York....	Valparaiso...	Oil and iron....	1,800	2,304	1,493
West Kedron...	3	1.45	3	12.15	3	20.18	3	21.40	American...	United States Shipping Board...	410.5	54.3	24.4	Antwerp.....	Los Angeles...	General.....	7,363	6,572	4,900
Matoppo.....	3	9.25	3	12.40	3	21.10	3	22.20	British.....	Ellerman & Bucknall.....	400.5	52.0	24.0	New York....	Australia....	General.....	5,920	5,853	4,285
Garfield.....	3	12.54	3	13.10	3	21.50	4	7.10	American...	W. R. Grace & Co.....	299.4	45.0	19.0	New York....	Callao.....	Gen., iron, rails..	1,993	3,228	2,010
S. C. 284.....			3	9.08	3	16.30			American...	United States Navy.....				Cristobal....	Balboa.....				
Mount Berwyn.	3	11.15	4	6.20	4	13.52	4	14.55	British.....	H. E. Moss & Co.....	400.3	52.0	22.5	Marseilles....	Vancouver....	Sugar, general...	5,413	5,783	4,008
Argosy.....	3	20.36	4	6.25	4	14.24	4	15.22	American...	Wessel Duval & Co. (S. B.)....	390.0	54.0	24.0	New York....	Valparaiso...	General.....	5,827	6,161	4,433
Argun Maru...	4	6.39	4	7.20	4	15.55	4	20.10	Japanese...	Osaka Shosen Kaisha.....	415.0	55.0	21.6	Hamburg.....	Kobe.....	General.....	4,412	7,209	5,294
Laura C. Hall ¹ .	3	8.30	4	10.00	4	16.42	6	15.20	British.....	Pacific Metals Transportation Co	82.0	25.6	9.0	Cristobal....	Buenaventura.	Ballast.....		130	69
Colin H. Livingstonstone....	4	10.55	4	11.25	4	18.52	5	13.05	American...	United States Transport Co.....	402.6	53.2	26.6	Mobile.....	Seattle.....	General.....	7,916	6,586	4,855
City of Winchester.....	4	18.23	5	6.15	5	13.49	5	14.50	American...	Ellerman Line, Ltd.....	456.1	57.9	28.6	New York....	Sydney.....	General.....	6,500	8,783	6,603
Ypres Maru....	4	20.07	5	6.29	5	14.59	5	16.00	Japanese...	Suzuki & Co.....	425.0	53.0	28.5	Matanzas....	Yokohama....	Sugar.....	9,000	7,164	5,430
City of Victoria	4	15.45	5	7.13	5	15.30	5	16.25	British.....	British-Canadian S. S. Co.....	411.5	54.1	15.6	Liverpool....	Vancouver....	Ballast.....		6,612	4,998
Jamaica.....	3	23.58	5	9.58	5	16.54	5	22.30	British.....	Pacific Steam Navigation Co....	220.0	34.0	11.6	Cristobal....	Tumaco.....	General.....	311	1,187	622
Saint Jean....	4	6.50	5	11.35	5	18.58	5	21.13	French.....	French Line.....	417.0	50.6	17.0	Havre.....	Coronel.....	General.....	503	5,849	4,081
Terrier.....	5	12.47	5	13.10	5	21.12	5	22.30	Norwegian..	W. Wilhelmsen.....	400.0	52.0	24.6	Norfolk.....	Valparaiso...	Coal.....	6,739	5,631	4,121
Alkmaar.....	4	21.05	6	6.52	6	14.29	6	15.20	Dutch.....	Royal Netherlands W. I. Mail...	440.0	62.6	17.0	Hamburg.....	Valparaiso...	General.....	1,255	9,505	6,807
Australia.....	6	6.05	6	6.53	6	15.22	7	7.28	British.....	British-India Steam Nav. Co....	482.0	62.7	26.0	Barry.....	Wellington...	Coal.....	7,876	9,453	6,544
Henry S. Grove	7	7.02	7	7.35	7	14.52	7	15.55	American...	A. G. & P. S. S. Corp. (S. B.)...	404.0	54.0	20.6	Philadelphia..	Los Angeles...	General.....	4,300	6,755	4,688
Rotarian.....	7	10.13	7	10.30	7	17.54	7	18.45	American...	Swayne & Hoyt (S. B.).....	399.0	53.0	23.6	Montevideo...	San Francisco.	General.....	6,032	5,660	4,174
Point Adams...	7	7.20	7	12.10	7	19.27	8	15.00	American...	Pacific Mail Steamship Co.....	289.0	44.0	20.6	Baltimore....	San Francisco.	Gen., pipe, steel.	2,878	2,899	1,971
Murla.....	7	13.26	8	6.20	8	13.42	8	14.30	German.....	Roland Steamship Line.....	269.0	42.0	15.0	Bremen.....	Corral.....	General.....	1,600	2,188	1,361
Halway.....	6	18.19	8	6.25	8	13.39			American...	Columbus Shipping Co. (S.B.)...	435.0	56.0	28.0	New Orleans..	Balboa.....	Fuel oil.....	10,000	7,643	5,319
West Kasson...	8	21.20	8	7.25	8	15.40	8	16.45	American...	Pacific Mail S. S. Co. (S. B.)...	410.0	54.0	24.0	Norfolk.....	San Francisco.	Coal.....	7,256	6,547	4,864
Mahia.....	8	7.26	8	7.50	8	16.34	9	19.42	British.....	Shaw, Saville & Albion Co.....	477.0	62.0	28.0	Barry.....	Pt. Chamlers..	General.....	4,867	11,026	7,912
Mineola.....	8	7.36	8	8.27	8	17.25	8	18.20	American...	W. R. Grace & Co.....	298.6	40.0	20.9	New York....	Pimenel.....	General.....	2,898	2,835	1,822
Royal Star....	7	14.58	8	9.50	8	17.32	8	18.27	British.....	Blue Star Line.....	450.0	58.5	25.4	Liverpool....	Lyttleton....	Ballast.....		8,561	5,815
Iris.....	8	1.35	8	12.10	8	20.00	8	20.55	American...	Pacific Transport Co.....	304.0	38.0	22.6	New Orleans..	San Francisco.	General.....	2,200	3,030	2,021
Vancouver ²	6	16.15	9	6.00	9	13.58	9	16.00	Norwegian..	Akitsiselkepet Wood.....	199.0	40.0	12.0	Buenos Aires..	Pt. Townsend.	Ballast.....		988	854
Australcrag....	8	11.47	9	6.40	9	14.45	9	16.05	British.....	Australian Government.....	370.0	53.0	20.0	Ghent.....	Auckland.....	Super-phosphate.	3,960	4,774	3,446

¹ Motor schooner.² Schooner.

Tredinnick.....	8	14.10	9	7.38	9	15.50	9	17.15	British.....	Hain Steamship Line.....	400.1	52.1	25.2	Sabine.....	Melbourne....	Sulphur.....	6,600	5,987	4,385
Ionic.....	8	7.31	9	8.00	9	16.56	9	18.15	British.....	Oceanic Steam Navigation Co...	500.5	63.3	30.0	London.....	Wellington....	General.....	4,500	12,872	9,577
Selandia ³	8	8.24	9	10.29	9	18.25	10	13.15	Danish.....	East Asiatic Steamship Co.....	370.4	53.2	16.3	Antwerp.....	Valparaiso....	General.....	3,000	5,441	4,090
Pennsylvanian..	9	12.08	9	12.25	9	22.07	9	11.14	American...	American-Hawaiian Line.....	407.7	53.7	17.0	New York....	San Francisco.	General.....	1,400	.....	.....
City of Bris- bane.....	9	6.42	9	12.42	9	21.05	10	1.27	British.....	Ellerman Lines.....	462.7	58.8	28.0	New York....	Yokohama....	General.....	10,360	9,392	7,039

³ Motor ship.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Lompoc.....	1	12.30	7	6.56	7	17.05	7	17.05	British.....	C. T. Bowring.....	435.0	55.0	17.0	Taltal, Chile..	Good Hope, La	Ballast.....	7,488	5,342
Laura C. Hall..	2	19.00	3	9.43	3	17.30	4	10.00	British.....	Pacific Metals Corporation	81.0	25.6	9.0	Buenaventura	Cristobal.....	Spices.....	2½	130
Comeric.....	3	6.00	3	7.45	3	19.00	3	20.55	British.....	Andrew Weir & Co.....	412.0	55.5	27.0	Caleta Colosa.	Newport News	Nitrate.....	9,700	7,186
Deuel.....	3	6.30	3	12.13	3	20.02	3	20.03	American...	United States Shipping Board...	410.0	54.2	24.0	Port Sydney..	Southampton..	Lumber.....	5,208	6,693
Maricopa.....	3	6.45	3	8.00	3	19.03	3	20.57	Norwegian..	W. Wilhelmsen	425.5	57.0	21.0	Antofagasta...	Tampico.....	Ballast.....	6,996	5,108
Salvador.....	3	11.25	3	12.29	3	20.57	11	11.05	British.....	Pacific Steam Navigation Co....	215.0	33.0	13.6	Champerico...	Cristobal.....	Coffee, general..	369	1,213
S. C. T. Dodd..	3	13.00	4	9.29	4	16.35	4	16.35	American...	Standard Oil Co. of California...	425.0	57.2	20.0	San Francisco.	Baton Rouge..	Ballast.....	7,762	5,380
Santa Olivia...	3	16.10	4	6.31	4	15.20	4	15.58	American...	Atlantic & Pacific Steamship Co.	404.6	53.9	26.2	Talcahuano...	New York....	.....	6,736	4,883
W. S. Miller...	4	6.40	4	9.40	4	17.15	4	17.15	American...	Standard Oil Co. of California...	435.0	56.2	29.0	San Francisco.	Philadelphia..	Lubricating oil..	9,608	7,440
Atlantica.....	4	22.00	5	8.06	5	18.08	5	20.27	French.....	French Government.....	378.1	52.3	23.0	Pisagua.....	Norfolk.....	Nitrate.....	6,120	5,145
Rio Grande....	5	6.15	5	8.11	5	17.10	5	18.25	Norwegian..	Nordenfjeldske Steamship Co. ..	360.3	52.1	23.6	Portland, Oreg.	Leith.....	Flour.....	5,742	5,137
Point Judith...	5	15.00	6	6.31	6	14.06	7	15.00	American...	Pacific Mail Steamship Co.....	289.0	44.2	20.6	San Francisco.	Baltimore....	General.....	2,380	2,895
Everest.....	5	15.45	6	7.38	6	16.15	7	21.22	British.....	J. E. Murrell & Sons.....	289.8	42.2	18.6	San Antonio...	Chrome, N. J..	Copper ore.....	3,000	2,302
Caribbean.....	6	.....	5	11.28	5	18.40	.....	.....	American...	Panama Railroad Steamship Line	288.0	47.6	11.6	Balboa.....	Cristobal.....	.....	2,354	478
Opawa.....	4-6	10.30	6	11.31	6	6.50	6	22.05	British.....	New Zealand Shipping Co.....	460.0	60.2	31.3	Auckland.....	London.....	Frozen, general..	6,419	9,967
Quilpue.....	6	18.00	7	6.28	7	16.27	8	5.40	British.....	Pacific Steam Navigation Co....	360.0	46.2	16.0	Guayaquil....	New York....	.....	4,742	3,023
Steel Maker....	6	22.30	8	6.43	8	17.06	8	17.06	American...	United Steel Products Co.....	395.5	55.0	27.0	Vancouver....	London.....	General.....	7,950	7,285
Steel Worker...	6	22.45	7	7.51	7	17.55	8	17.35	American...	Isthmian Steamship Line.....	424.2	56.2	25.6	Vancouver....	New York....	Lumber, general.	5,225	7,539
Manavi.....	7	7.30	7	9.09	7	19.31	.....	.....	British.....	Pacific Steam Navigation Co....	216.0	35.1	11.0	Guayaquil....	Cristobal.....	Produce.....	49	1,357
Blossom Heath.	7	9.00	7	11.06	7	19.31	7	21.05	British.....	Steam Nav. Co. of Canada.....	400.0	52.0	27.6	Taltal.....	Cristobal.....	Nitrate.....	8,250	6,005
Yorba Linda...	7	17.40	8	6.26	8	16.14	8	16.14	American...	General Petroleum Co.....	435.0	56.0	21.0	Tocopilla....	Tampico.....	Ballast.....	7,642	5,364
West Togus....	7	18.00	8	7.33	8	17.57	8	18.10	American...	United States Shipping Board...	409.8	54.2	20.6	Seattle.....	Boston.....	Lumber, general	4,670	6,589
West Katan....	8	7.50	8	14.58	8	21.52	9	3.03	American...	United States Shipping Board...	410.5	54.3	25.0	Seattle.....	Hamburg.....	Foodstuffs, etc..	6,678	6,573
Chile.....	8	6.30	9	6.36	9	18.43	9	20.20	Danish.....	East Asiatic Co.....	425.3	55.2	27.7	Portland.....	London.....	General.....	8,900	4,065
Huasco.....	8	4.4	9	6.42	9	15.13	.....	.....	Chilean....	C. S. A. de V.....	378.9	44.0	19.0	Valparaiso...	Cristobal.....	General.....	77	4,552
Bradford.....	9	8.50	9	9.43	9	19.24	10	12.50	American...	Standard Oil Co.....	426.9	54.6	21.0	Antofagasta...	Tampico.....	Ballast.....	7,318	5,458
Chiquimula....	9	9.1	9	10.25	9	20.22	.....	.....	American...	Chiquimula Shipping Co. of N. Y.	176.3	36.1	19.0	La Union.....	Baltimore....	Ballast.....	716	530
Ruahine.....	9	10.00	9	11.04	9	21.25	10	12.45	British.....	New Zealand Shipping Co.....	480.6	60.3	26.6	Wellington...	England.....	Frozen prod., etc.	5,030	11,197

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
April 3.....	Atenas.....	United Fruit Co.....	New Orleans and way- ports.
April 4.....	Megantic.....	White Star Line.....	New York via wayports.
April 4.....	Cartago.....	United Fruit Co.....	New Orleans.
April 5.....	S. C. T. Dodd.....	Standard Oil Co.....	High seas.

*DEPARTURES.

Date.	Vessel.	Line.	For—
April 3.....	Atenas.....	United Fruit Co.....	Bocas del Toro.
April 4.....	Megantic.....	White Star Line.....	New York via wayports.
April 5.....	Gen. G. W. Goethals.	Panama Railroad Steamship Line..	New York via Haiti.
April 6.....	Atenas.....	United Fruit Co.....	New Orleans.
April 7.....	S. C. T. Dodd.....	Standard Oil Co.....	Baton Rouge.

(Continued on page 535, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight April 16, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Advance.....	7	18.15	10	6.11	10	13.55	10	15.05	American...	Panama Railroad Steamship Line	295.0	38.0	15.6	New York....	Guayaquil....	General.....	400	2,947	2,113
Ebro.....	9	3.54	10	6.12	10	14.50	10	16.00	British.....	Pacific Steam Navigation Co....	450.0	57.0	22.3	New York....	Valparaiso....	General.....	1,675	9,089	6,215
Ocean Monarch	9	11.36	10	6.20	10	15.46	10	16.53	British.....	Monarch Steamship Co.....	398.0	48.0	23.0	New York....	Manila.....	General.....	5,250	4,810	3,558
Anson S. Brooks	7	7.28	10	7.10	10	16.26	10	17.25	American...	Brooks Scaulon Corp.....	273.0	43.0	24.0	Galveston....	Portland.....	Sulphur.....	3,100	3,031	1,924
San Fernando..	9	14.29	10	8.15	10	19.54	10	21.32	British.....	Eagle Oil Transportation Co....	530.4	69.4	31.4	Tampico.....	Singapore....	Fuel oil.....	16,117	13,266	9,609
La Habra.....	9	19.45	10	9.08	10	20.08	10	22.37	Norwegian..	W. Wilhelmsen.....	424.8	57.0	26.0	Tampico.....	Iquique.....	Fuel oil.....	9,200	7,053	5,085
Kofuku Maru..	10	6.21	10	11.35	10	20.32	11	21.36	Japanese...	Kokusai Kisen Kabushiki Kaisha	385.0	51.0	23.3	New York....	Manila.....	Gasoline.....	5,641	5,920	4,409
Orteric.....	10	12.18	11	6.05	11	14.09	11	15.25	British.....	Andrew Weir & Co.....	411.6	55.6	29.0	Norfolk.....	Manila.....	Coal.....	8,535	7,159	5,309
Tregarthen....	10	13.53	11	6.22	11	15.25	11	16.38	British.....	Edward Hain & Son.....	369.8	51.1	23.1	New Orleans..	Dunedin.....	General.....	5,229	5,178	3,971
Julia Luckenbach	11	2.39	11	7.00	11	16.12	11	17.03	American...	Luckenbach Line.....	436.0	57.0	26.0	New York....	San Francisco.	General, steel...	6,200	8,543	6,427
Salvador.....	3	20.55	11	11.05	11	17.40	11	18.44	British.....	Pacific Steam Navigation Co....	225.0	35.4	14.4	Cristobal....	Champerico...	General.....	733	1,213	692
Port Curtis....	11	3.15	11	8.05	11	17.12	11	18.10	British.....	Commonwealth and Dom. Line.	450.2	58.4	27.0	New York....	Sydney.....	General.....	6,711	8,500	6,140
Pacifico.....	9	19.20	11	13.09	11	21.04	11	22.02	Norwegian..	Arthur Mathensen.....	330.0	46.0	12.9	La Guayra...	San Francisco.	Ballast.....	.....	3,887	2,699
R-25 ¹.....	.....	.....	11	6.20	11	17.21	.....	.....	American...	United States Navy.....	.....	.....	.....	Cristobal....	Balboa.....	.....	.....	.....	.....
S. C. 287.....	.....	.....	11	6.20	11	17.21	.....	.....	American...	United States Navy.....	.....	.....	.....	Cristobal....	Balboa.....	.....	.....	.....	.....
Cedar Branch..	11	15.23	12	6.35	12	13.36	12	15.45	British.....	F. & W. Ritson.....	390.0	52.0	18.0	Liverpool....	Chile.....	General.....	2,639	4,912	3,642
Hurunui.....	11	17.07	12	6.40	12	15.17	12	16.10	British.....	Federal Steam Navigation Co...	480.0	62.0	30.4	New York....	Auckland....	General.....	10,880	10,213	7,282
Quillota.....	9	6.35	12	7.17	12	16.24	12	17.15	British.....	Pacific Steam Navigation Co....	361.4	46.2	22.0	New York....	Guayaquil....	General.....	202	4,768	2,956
Canadian Planter	12	7.52	12	9.08	12	17.36	12	21.00	British.....	Canadian Government.....	400.3	52.0	24.0	St. John.....	Wellington....	General.....	6,000	5,842	4,092
Bath.....	12	7.50	13	7.38	13	14.42	13	16.00	American...	United States Navy.....	329.2	46.2	21.7	Norfolk.....	San Diego....	Naval supplies..	3,300	3,945	2,564
Santa Elisa....	13	5.55	13	10.30	13	16.37	13	18.55	American...	W. R. Grace & Co.....	360.5	51.7	23.1	New York....	Valparaiso....	General.....	3,392	5,957	4,325
Sarpfos.....	12	18.40	13	11.35	13	18.22	13	19.53	Norwegian..	Thor. Thorsen.....	254.0	39.0	12.1	Cartagena...	Guayaquil....	General.....	108	2,064	1,479
J. A. McKie ²..	.....	.....	13	7.30	13	9.31	.....	.....	American...	United States Army.....	.....	.....	.....	Cristobal....	Gatun Lake....	.....	.....	.....	.....
San Joaquin....	13	15.13	14	6.15	14	14.46	14	16.10	Norwegian..	W. Wilhelmsen.....	425.0	57.0	26.0	Tampico.....	Antofagasta...	Fuel oil.....	9,300	7,059	5,076
D. G. Schofield.	13	23.30	14	7.00	14	15.32	14	16.30	American...	Standard Oil Co.....	439.5	58.0	27.6	Baton Rouge..	Seattle.....	Gasoline.....	10,000	8,912	6,254
Willsole.....	14	8.12	14	8.45	14	17.03	14	18.15	American...	Williams Steamship Co.....	434.3	57.7	23.4	Philadelphia..	Portland.....	General.....	5,660	7,983	5,882
Acajutla.....	24	21.50	14	9.20	14	16.11	14	17.00	British.....	Pacific Steam Navigation Co....	215.0	33.5	13.6	Cristobal....	Guayaquil....	General.....	321	1,273	706
Ortega.....	13	13.36	14	10.15	14	18.25	14	19.30	British.....	Pacific Steam Navigation Co....	465.0	56.0	24.0	Liverpool....	Valparaiso....	General.....	1,668	8,345	4,998
Ulysses ³	14	11.40	14	12.00	14	19.25	.....	.....	American...	Panama Railroad Steamship Line	514.0	63.0	30.0	Norfolk.....	Balboa.....	Coal.....	11,098	11,519	6,930
San Juan.....	10	16.05	14	13.40	14	20.10	14	22.25	American...	Pacific Mail Steamship Co.....	283.0	37.0	15.0	Cristobal....	San Francisco.	General.....	450	2,379	1,593
Huasco.....	9	15.13	15	6.17	15	13.34	15	14.25	Chilean....	South American Steamship Line.	379.0	44.0	22.6	Cristobal....	Valparaiso...	General.....	1,214	4,552	3,182
Huallaga.....	10	17.20	16	6.13	16	13.34	16	15.20	Peruvian...	Peruvian Steamship Line.....	360.0	44.7	20.6	Cristobal....	Callao.....	General.....	1,138	4,514	2,386
Iquitos.....	11	11.36	16	7.08	16	16.12	16	17.25	Peruvian...	Peruvian Steamship Line.....	350.0	42.5	17.4	Immingham...	Callao.....	Ballast.....	.....	3,535	2,252
Artigas.....	16	6.54	16	7.15	16	14.52	16	15.52	American...	North Atl. & Western Co. (S. B.)	390.0	54.0	18.9	Portland, Me..	Portland Oreg.	General.....	2,293	6,161	4,427
Texan.....	16	8.15	16	8.45	16	17.07	16	18.00	American...	American-Hawaiian Line.....	471.0	57.2	19.0	New York....	Los Angeles...	General.....	2,100	9,154	7,033

¹ Submarine.² Launch.³ Collier.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

San Juan.....	9	10.30	10	6.35	10	16.05	14	13.40	American...	Pacific Mail Steamship Co.....	283.0	37.0	16.1	San Francisco.	Cristobal.....	(6)	762	2,379	1,593
Nichiyo Maru..	10	6.30	10	8.19	10	17.35	10	19.30	Japanese...	Yamashita Steamship Co.....	331.0	48.0	20.0	Tocopilla.....	Cristobal s....	General.....	4,881	3,569	2,651
Huallaga.....	10	6.40	10	9.17	10	17.20	16	6.13	Peruvian...	Peruvian Steamship Line.....	360.0	44.7	21.3	Ylo, Peru.....	Cristobal.....	General.....	1,664	4,514	2,386
Orcoma.....	10	8.30	10	11.24	10	18.30	11	15.25	British...	Pacific Steam Navigation Co....	511.6	62.4	27.6	Coronel.....	Liverpool.....	General.....	4,948	12,267	7,942
Halway.....	8	13.39	10	12.25	10	19.31	11	4.20	American...	Columbus Shipping Co. (S. B.)..	435.0	56.0	.....	Balboa.....	Mobile.....	Ballast.....	.....	7,643	5,319
Mary K. 2.....	.....	.....	.....	.....	.....	.....	.....	.....	American...	W. H. Walston.....	.....	.....	.....	Balboa.....	Gatun.....	.....	.....	.....	.....
Mont Cervin...	11	4.00	11	8.10	11	17.32	12	19.20	French.....	Soc. Generale Transport.....	340.6	49.7	22.0	Portland.....	Saleme, Italy.	Grain, general...	4,833	4,070	2,933
Haughland.....	11	5.15	11	9.17	11	17.43	12	6.15	Norwegian..	N. Rogenos.....	325.0	47.0	22.0	Tocopilla.....	New York....	Copper.....	4,402	3,386	2,235
Milan Maru....	11	7.30	11	9.30	11	18.50	11	20.20	Japanese...	Kokusai Kisen Kabushiki Kaisha	400.0	53.0	25.6	Iquique.....	Norfolk.....	Nitrate.....	8,022	5,886	4,303
Hawkeye State.	11	7.28	11	14.50	11	22.10	11	23.20	American...	Matson Navigation Co. (S. B.)..	517.0	72.2	27.0	San Francisco.	New York....	Sugar, general...	5,629	15,234	10,471
S. C. 287.....	.....	.....	.....	.....	11	22.10	.....	.....	American...	United States Navy.....	110.0	16.0	.....	Pedro Miguel.	Cristobal.....	.....	.....	.....	.....
Essequibo.....	11	20.00	12	6.26	12	14.15	13	12.14	British...	Royal Mail Steam Packet Co....	450.3	57.8	25.0	Valparaiso....	New York....	General.....	2,930	9,037	6,089
Kinderdijk.....	12	14.40	12	15.12	12	22.55	13	11.18	Dutch.....	Holland-American Line.....	469.0	58.0	27.0	Vancouver,....	Rotterdam....	General.....	9,400	8,515	6,068
Oneka.....	12	16.15	13	6.23	13	15.30	13	15.30	British...	Standard Transportation Co....	411.8	52.3	19.0	Shanghai.....	New York....	Ballast.....	.....	6,398	4,841
Santa Teresa...	12	23.30	13	8.30	13	16.05	13	16.50	American...	W. R. Grace & Co.....	360.2	51.6	21.0	Valparaiso....	New York....	(7)	1,800	5,726	4,086
Waiwera.....	13	4.30	13	8.39	13	18.15	14	14.52	British...	Shaw-Saville & Albion Co.....	425.7	54.1	24.0	Auckland.....	London.....	Frozen, general..	5,000	7,468	5,433
Charles H. Cramp.....	13	5.00	13	8.53	13	16.55	13	16.55	American...	Atl. Gulf. & Pac. S. S. Corp. (S. B.)	404.6	53.9	18.0	San Francisco.	Baltimore....	General, fruit...	2,500	6,755	4,688
Lake Ellicott...	13	6.50	13	9.25	13	19.00	14	6.15	American...	N. O. & S. A. Shipping Co. (S. B.)	253.4	43.8	22.6	Junin.....	Jacksonville..	Nitrate.....	3,713	2,920	1,973
Angelo Toso...	12	13.15	13	12.50	13	20.28	14	9.45	Italian.....	Soc. Nazionale di Nav.....	396.8	52.4	18.0	Valparaiso....	Genoa.....	General.....	800	6,379	4,659
Alaska Maru...	13	16.45	14	6.23	14	18.06	14	18.37	Japanese...	Osaka Shosen Kaisha.....	420.0	56.0	22.0	Singapore.....	New York....	General.....	3,816	7,460	5,307
Belridge.....	14	6.50	14	7.36	14	18.58	14	20.35	Norwegian..	Wilhelm Wilhelmsen.....	425.1	57.0	16.0	Tocopilla.....	Port Lobos....	Ballast.....	.....	7,065	5,095
Pakeha.....	14	8.00	14	9.45	14	20.15	14	21.30	British...	Shaw Saville & Albion Co.....	477.0	63.0	26.0	Wellington....	London.....	Frozen, general..	6,862	10,995	8,173
Iowan.....	14	7.57	14	10.01	14	20.26	14	20.33	American...	American-Hawaiian Line.....	407.7	53.7	22.0	Seattle.....	New York....	Lumber, general.	5,000	7,091	5,054
Harald.....	14	7.10	14	12.40	14	21.40	14	23.00	Danish.....	United Steamship Co.....	272.4	39.1	15.6	Buenaventura.	Cristobal s....	(8)	945	1,673	1,147
Lake Fithian...	14	16.00	15	6.20	15	14.31	15	14.31	American...	N. O. & S. A. Steamship Co. (S. B.)	253.4	43.8	24.0	Tocopilla.....	Charleston....	Nitrate of soda..	3,928	2,915	1,906
Liebre.....	14	18.30	15	8.09	15	15.17	16	8.55	American...	General Petroleum Corp.....	435.0	56.2	23.5	Los Angeles...	Tampico.....	General.....	680	.....	.....
Bourne.....	14	17.50	15	8.27	15	16.25	15	23.45	British...	D. Pinkay.....	449.7	58.2	24.6	Valparaiso....	Amsterdam...	Nitrate, general.	8,280	7,539	5,450
Coalinga.....	15	3.00	15	8.39	15	16.57	15	18.01	American...	Union Oil Co.....	471.0	55.0	19.0	Los Angeles...	Port Lobos....	Ballast.....	.....	8,107	5,627
South American	15	6.00	15	9.03	15	18.00	16	12.08	British...	South American Steamship Co...	251.0	43.6	20.1	Valparaiso....	New York....	(9)	3,170	2,444	1,593
Dorset.....	16	4.00	16	8.14	16	15.40	16	21.15	British...	Federal Steam Navigation Co....	460.0	58.2	21.6	Wellington....	Southampton.	(10)	4,596	9,009	6,406
Stuartstar.....	16	4.10	16	8.37	16	17.28	16	20.30	British...	Blue Star Line.....	420.0	54.0	21.8	Lyttleton.....	Bristol channel	(5) (11)	3,533	7,039	5,488
Toyohashi Maru.....	16	7.40	16	9.06	16	17.55	16	19.30	Japanese...	Nippon Yusen Kaisha.....	445.0	58.0	17.6	Kobe.....	New York....	General.....	1,785	7,666	5,529
Satterlee 4.....	2-24	15.13	16	10.15	16	18.35	.....	.....	American...	United States Navy.....	310.0	30.11	.....	Balboa.....	Cristobal.....	.....	.....	.....	.....
Matincock.....	16	11.55	16	12.39	16	19.46	16	19.46	American...	Standard Oil Co.....	459.1	60.0	20.0	San Francisco.	Baton Rouge..	Ballast.....	.....	8,171	6,379
Baarn.....	16	3.00	16	15.03	16	21.35	16	21.35	Netherlands.	Royal Netherlands S. S. Co.....	400.0	52.3	20.6	Puntarenas...	Boston.....	Wool.....	3,700	6,981	5,465

4 Destroyer. 5 For orders. 6 Sugar, coffee, wood, and treasure (\$92,612.83). 7 Nitrate and copper ores. 8 Coffee, cocoa, and hides. 9 Mineral ore, copper, and sugar.
10 Frozen meat and general. 11 Cold stores and general. Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
April 10.....	Solano.....	Pacific Mail Steamship Co.....	Tampico.	April 11....	Atlas 12.....	Curacasche Scheepvart.....	Curacao.
April 11.....	Abangarez.....	United Fruit Co.....	New Orleans.	April 12....	Stuyvesant.....	Royal Netherlands W. I. Mail.....	Port Limon.
April 11.....	Stuyvesant.....	Royal Netherlands W. I. Mail.....	Amsterdam via wayports.	April 12....	Electrician.....	Harrison Line.....	Galveston.

12 Tug.

(Continued on page 568, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight April 23, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal ¹		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Kenuta.....	16	14.30	17	6.10	17	13.40	17	14.45	British.....	Pacific Steam Navigation Co....	401.0	52.0	19.6	London.....	Valparaiso....	General.....	1,989	6,440	4,900
Fairfield City..	16	17.14	17	6.26	17	14.56	17	15.55	American...	U. S. Steel Products Co.....	424.0	56.0	25.0	Mobile.....	Chinwang Tao	Steel.....	7,564	7,539	5,448
Gunner.....	17	1.05	17	9.35	17	16.25	18	15.20	British.....	C. O. Polkinghorne.....	130.0	23.5	13.1	Plymouth....	Vancouver....	Ballast.....	.....	314	104
S. C. 285.....	.....	.....	18	8.30	18	13.44	.....	.....	American...	United States Navy.....	.....	.....	.....	Cristobal....	Balboa.....	.....	.....	.....	.....
Ceres.....	18	5.35	19	6.20	19	13.58	20	15.45	Dutch.....	Royal Netherlands W. I. Mail..	340.0	48.0	14.6	Amsterdam...	Valparaiso....	General.....	668	4,243	3,123
Bantu.....	18	19.47	19	9.30	19	17.35	19	18.45	American...	U. S. Steel Products Co.....	360.0	47.0	26.7	New York....	Vancouver....	General.....	5,670	4,605	3,047
S. C. 287.....	.....	.....	19	6.45	19	14.35	.....	.....	American...	United States Navy.....	.....	.....	.....	Cristobal....	Balboa.....	.....	.....	.....	.....
S. C. 355.....	.....	.....	19	6.45	19	14.35	.....	.....	American...	United States Navy.....	.....	.....	.....	Cristobal....	Balboa.....	.....	.....	.....	.....
Santa Malta....	20	6.35	20	7.05	20	14.41	20	15.50	American...	Atlantic & Pacific S. S. Co.....	404.6	53.9	23.6	New York....	Talcahuano...	General.....	4,859	6,766	4,809
Laura C. Hall..	18	16.38	20	9.43	20	19.25	22	8.27	British.....	Pacific Metals Corporation.....	81.0	25.6	11.0	Cristobal....	Buenaventura.	General.....	12	130	69
S. C. T. Dodd..	20	10.35	20	11.00	20	19.35	20	20.43	American...	Standard Oil Co.....	426.0	57.0	28.0	Baton Rouge..	San Francisco.	Gasoline.....	8,500	7,451	4,928
Surrey.....	21	6.05	21	6.50	21	14.08	21	15.10	British.....	Federal Steam Navigation Co...	460.0	62.9	27.0	Liverpool....	Auckland.....	General.....	4,270	10,000	7,285
Arcturus.....	21	6.10	21	7.35	21	15.07	21	19.30	American...	Green Star Line (S. B.).....	401.0	53.0	27.0	Baltimore....	Vladivostok...	General, steel...	7,894	7,043	5,167
Keelung.....	21	6.55	21	12.53	21	20.40	21	21.45	British.....	Ellerman & Bucknall Line.....	400.0	52.0	27.0	New York....	Adelaide.....	General.....	8,860	6,237	4,537
Steel Voyager..	21	12.55	21	13.28	21	21.13	21	22.25	American...	U. S. Steel Products Co.....	395.5	55.0	28.3	New York....	Seattle.....	Steel, general...	8,600	7,285	5,256
Newport.....	19	13.55	22	6.10	22	13.25	22	16.43	American...	Pacific Mail Steamship Co.....	326.0	38.2	15.1	Cristobal....	San Francisco.	General.....	428	3,173	2,163
Taikai Maru...	21	12.25	22	6.15	22	14.30	22	19.00	Japanese...	Taiwansheite Kabushiki Kaisha.	360.0	50.0	23.8	Cienfuegos...	Kobe.....	Sugar.....	5,145	4,097	2,859
West Sequana..	21	21.55	22	6.35	22	15.28	22	16.25	American...	Pacific Mail Steamship Co. (S. B.).	410.5	54.3	18.1	Savannah....	San Francisco.	Steel, general...	4,896	6,567	4,909
Maricopa.....	22	10.26	22	10.52	22	18.30	22	20.45	Norwegian..	W. Wilhelmsen.....	430.0	57.0	27.0	Port Lobos....	Antofagasta...	Fuel oil.....	9,500	6,996	5,108
North Ameri- can.....	22	3.22	22	12.10	22	19.40	22	20.45	British.....	Amer. Metal Transportation Co.	251.0	43.6	22.6	New York....	Valparaiso....	Coal, general...	3,100	2,444	1,571
Orion ²	22	14.20	22	14.38	22	22.05	23	22.10	American...	United States Navy.....	514.0	65.2	28.6	Norfolk.....	Los Angeles...	Coal.....	10,600	.....	.....
Rio Gatun ³ ...	21	17.47	22	12.30	22	14.18	.....	.....	Panaman...	A. R. Eckhardt.....	.....	.....	.....	Cristobal....	Gatun Lake...	.....	.....	8	8
Cauca.....	17	14.37	23	5.53	23	13.17	23	14.28	British.....	Pacific Steam Navigation Co....	246.0	35.2	14.6	Cristobal....	Guayaquil....	General.....	80	1,582	1,023
Barima.....	18	20.33	23	6.05	23	13.18	23	14.28	British.....	Pacific Steam Navigation Co....	220.5	37.5	11.6	Cristobal....	Champerico...	General.....	334	1,651	918
Anna E. Morse.	23	8.25	23	8.55	23	16.16	.....	.....	American...	U. S. Transport Co.....	402.0	53.0	24.0	Mobile.....	Los Angeles...	General.....	6,000	6,570	4,856
Snook ⁴.....	.....	.....	23	6.00	23	16.10	.....	.....	American...	W. R. Smith.....	.....	.....	.....	Cristobal....	Balboa.....	Ballast.....	.....	2	1
Edward Luck- enbach.....	23	9.40	23	12.30	23	19.05	23	19.58	American...	Luckenbach Line.....	436.0	57.0	.....	New York....	San Francisco.	Steel, general...	5,600	8,543	6,427

¹ Motor schooner.² Collier.³ Launch.⁴ Launch, towing cayuco.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

K. I. Luckenbach	16	17.35	17	6.33	17	14.15	17	20.50	American...	Luckenbach Line	446.0	56.1	25.0	Seattle	Philadelphia	General	5,000	8,555	6,204
Eastern Leader	16	22.45	17	7.50	17	15.43	17	20.40	American...	Pacific Steamship Co. (S. B.)	344.8	50.1	22.5	Portland	Limerick	Wheat	5,455	4,347	3,122
Cauca	16	23.30	17	7.55	17	14.37	23	5.53	British	Pacific Steam Navigation Co.	246.0	35.2	13.0	Guayaquil	Cristobal	General	444	1,582	1,023
Ulysses	14	19.25	17	8.45	17	16.02	17	16.02	American...	United States Government	514.0	62.2		Balboa	Norfolk	Ballast		11,519	6,930
Hororata	17	3.10	17	10.46	17	20.05	18	12.06	British	New Zealand Shipping Co.	511.1	64.2	27.0	Sydney	London	(⁸)	6,979	12,622	8,598
Kayseeka	17	9.00	17	10.49	17	17.58	17	21.06	American...	Thorndyke & Trenholme (S.B.)	400.7	54.2	24.4	Portland	Naples	Wheat	7,298	6,529	4,712
Laura C. Hall	17	8.15	18	6.21	18	16.38	20	9.43	British	Pacific Metals Transportation	81.0	25.6	9.6	Buenaventura	Cristobal	Specie		131	69
Montebello	16	9.25	18	6.51	18	13.50	18	1.50	American...	Union Oil Co.	440.4	58.2		San Francisco	Port Lobos	Ballast		8,585	5,853
Elzasier	17	23.30	18	8.20	18	18.15	19	17.35	British	Lloyd Royal Belge	400.3	52.3	24.0	Caleta Colosa	Brest	Nitrate, borax	7,010	6,091	4,457
Jamaica	18	10.45	18	12.18	18	19.27	19	18.10	British	Pacific Steam Navigation Co.	220.0	34.0	12.0	Tumaco	Pto. Colombia	General	347	1,187	622
Barima	18	11.00	18	13.49	18	20.33	23	6.05	British	Pacific Steam Navigation Co.	220.5	37.5	12.6	Champerico	Cristobal	General	571	1,650	918
Newport	18	10.30	19	6.26	19	13.55	22	6.10	American...	Pacific Mail Steamship Co.	326.0	38.2	19.6	San Francisco	Cristobal	General	1,243	3,173	2,163
Kumara	18	18.00	19	6.35	19	16.20	19	22.55	British	Shaw, Savill, & Albion Co.	425.0	54.2	24.4	Wellington	London	(⁸)	4,400	7,449	5,414
R-25 ^s	11	17.21	19	7.19	19	15.52			American...	United States Navy	175.0	16.0		Balboa	Cristobal				
Sciota ⁶	3-19	17.00	19	7.32	19	15.52			American...	United States Navy	149.3	30.0		Balboa	Cristobal				
Gen. G. W. Getty ⁶	14	20.10	19	13.00	19	14.37			American...	United States Army	98.0	22.0		Balboa	Pedro Miguel				
Brush	19	2.30	20	6.25	20	15.27	20	15.27	American...	N. Atl. & Western S. S. Co.	390.0	54.2	18.6	Seattle	Boston	General	2,263	6,161	4,433
Trontolite	19	18.15	20	7.35	20	16.14	20	17.55	American...	Standard Oil Co.	419.4	57.2	18.1	Vancouver	Tampico	Ballast		7,345	5,429
Ardover	20	6.00	20	8.13	20	17.30	20	19.30	British	David Steamship Corp.	483.5	62.7	28.0	Tocopilla	Rotterdam	Nitrate	10,633	9,614	6,525
Peru	15	19.20	20	9.00	20	18.00			British	Pacific Steam Navigation Co.	350.0	43.1	16.0	Valparaiso	Cristobal	General	156	4,094	2,655
Willpolo	20	9.23	20	14.16	20	23.00	20	23.00	American...	Williams Steamship Co.	386.8	52.2	25.5	San Francisco	New York	Lumber, general	6,570	5,680	4,112
S. C. 287	19	14.35	20	14.35	20	22.50			American...	United States Navy	110.0	16.0		Balboa	Cristobal				
O-15 ^s	3-17	18.47	21	7.46	21	17.47			American...	United States Navy	175.0	16.4	13.1	Balboa	Cristobal				
O-12 ^s	3-17	18.45	21	7.52	21	17.47			American...	United States Navy	175.0	16.4	13.1	Balboa	Cristobal				
O-13 ^s	3-21	15.05	21	7.55	21	17.47			American...	United States Navy	175.0	16.4	13.1	Balboa	Cristobal				
Freeport Sulphur No. 5	21	3.00	21	8.40	21	18.00	21	18.00	American...	Freeport Sulphur Transp. Co.	355.5	52.5	21.0	Tacoma	Poughkeepsie	Lumber	3,970	4,940	3,316
Rio Gatun ³			21	16.00	21	18.00	22	12.30	Panaman...	A. R. Eckhardt	31.4	8.0		Gatun	Colon				
Duns Law	22	2.00	22	7.54	22	18.59	22	20.50	British	Thos. Law of Glasgow	340.0	50.1	11.0	Valparaiso	Hampton Rds.	Ballast		4,940	3,316
Afrika	22	7.10	22	8.10	22	20.12	22	22.10	Danish	East Asiatic Steamship Co.	445.8	60.3	30.0	Melbourne	Copenhagen	Wheat, copra	9,000	9,335	6,874
Vikingstar	22	11.30	22	12.26	22	22.05	23	1.10	British	Blue Star Line, Ltd.	400.4	52.3	23.0	Wellington	Falmouth ⁷	(⁹)	3,601	6,870	6,408
Port Melbourne	23	4.00	23	7.46	23	16.55	23	20.20	British	Commonwealth and Dom. Line	501.3	63.3	27.1	Sydney	London	(⁸)	7,600	11,860	9,065
Pacific	22	8.00	23	8.00	23	18.57	23	19.59	Swedish	Johnson Line	362.0	51.3	26.7	Tacoma	Dublin	(¹⁰)	6,000	5,360	4,039
K. R. Kingsbury	23	12.50	23	13.24	23	21.34	24	4.10	American...	Standard Oil Co.	440.0	58.2	30.0	San Francisco	London	Lubricating oil	11,000		
Nishmaha	20	23.00	23	14.40	23	23.35	24	22.53	American...	U. S. & S. A. Lines (S. B.)	401.4	53.2	23.0	Australia	New York	(¹¹)	5,420	6,611	4,774

^s Submarine.

⁶ Tug.

⁷ For orders.

⁸ Cold storage and general.

⁹ Frozen beef and mutton.

¹⁰ Flour, coffee, and general.

¹¹ Chrome ore and general.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
April 17....	Turrialba.....	United Fruit Co.....	New Orleans and way-ports.	April 17....	San Blas.....	United Fruit Co.....	Boston.
				April 17....	Turrialba.....	United Fruit Co.....	Bocas del Toro.
April 18....	Gen. W. C. Gorgas...	Panama Railroad Steamship Line..	New York via Haiti.	April 19....	Martinique.....	French Line.....	Puerto Colombia.

(Continued on page 579, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight April 30, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Lompoc..... New York Maru.....	23	22.01	24	6.36	24	14.21	24	15.35	British....	C. T. Bowring & Co.....	435.3	55.9	28.6	New Orleans..	Taltal.....	Fuel oil.....	8,969	7,496	5,311
Yorba Linda... Steel Age..... Taketoyo Maru	25	14.06	26	6.05	26	14.05	26	15.10	Japanese...	Kokusai Kisen Kaisha.....	385.0	51.0	25.9	New York....	Melbourne...	Case oil.....	5,921	5,919	4,389
Peru..... Woodarra..... Bradford..... Robert Dollar..	25	17.59	26	6.25	26	14.44	26	15.44	American...	General Petroleum Co.....	453.0	56.0	29.0	Tecomate....	San Pedro....	Crude oil.....	10,500	7,642	5,364
City of Nor- wich..... Eastern Admir- al.....	25	14.12	26	6.30	26	15.46	26	17.10	American...	United States Steel Products Co.	395.0	55.0	27.5	New York....	Los Angeles...	General and steel	8,957	7,285	5,256
Balboa..... Suruga..... Solana..... Lake Floris...	26	11.00	26	11.25	26	20.00	27	0.28	Japanese...	Nippon Yusen Kabushiki Kaisha	445.0	58.0	26.0	Savannah....	Kobe.....	General.....	7,945	7,596	5,456
J. A. McKie ¹ Effingham..... Pomona..... Carpentaria...	20	18.00	27	6.08	27	13.26	27	14.30	British....	Pacific Steam Navigation Co....	350.0	43.1	18.3	Cristobal....	Valparaiso...	General.....	373	4,095	2,655
Jason..... Jamaica..... Potosi..... Santa Luisa...	26	12.58	27	6.09	27	14.26	27	15.12	British....	British-India Steam Nav. Co....	449.0	58.0	30.9	London.....	Pt. Chalmers..	General.....	6,319	8,238	5,313
Gen. Wm. Gra- ham ² Kina..... Coalinga..... Mantaro.....	26	13.57	27	6.18	27	16.18	27	21.30	American...	Standard Oil Co.....	428.0	54.0	29.0	Mata Redondo	Talara.....	Crude oil.....	8,700	7,318	5,458
	26	20.20	27	7.30	27	16.44	27	17.50	British....	Robert Dollar Steamship Co....	523.0	65.0	21.0	New York....	Shanghai.....	General.....	1,000	11,775	8,338
	26	20.59	27	8.30	27	17.15	27	18.45	American...	Ellerman-Hall Line.....	434.0	54.0	27.0	New York....	Yokohama....	General.....	7,269	8,088	6,260
	26	8.30	27	9.20	27	18.52	27	20.00	American...	Barber Steamship Co. (S. B.)...	414.7	55.7	26.8	New York....	Shanghai.....	(³)	7,098	7,257	5,269
	3-20	22.17	27	10.49	27	19.28	28	10.36	American...	Colombian Maritime Co.....	190.0	29.0	11.1	Cristobal....	Tumaco.....	General.....	19	741	350
	27	10.17	27	11.09	27	19.02	27	20.09	American...	Barber Steamship Co.....	375.3	52.0	22.8	New York....	Yokohama....	General.....	4,168	5,177	3,877
	26	21.50	27	12.03	27	21.20	27	22.32	American...	Pacific Mail Steamship Co.....	435.0	56.6	28.1	Tampico.....	Iquique.....	Crude oil.....	9,568	7,043	5,050
	27	12.07	27	13.07	27	21.32	28	1.20	American...	N. O. & S. A. S. S. Co. (S. B.)..	251.0	43.6	17.0	New Orleans..	Guayaquil....	General.....	945	2,857	1,783
	27	23.45	28	6.40	28	13.48	28	19.08	American...	United States Army.....				Cristobal....	Gatun Lake...				
	28	8.00	28	8.22	28	14.47	28	15.50	American...	Williams, Dimond & Co. (S. B.)..	402.6	54.8	17.6	London.....	Los Angeles...	General.....	1,210	6,932	5,181
	29	6.05	29	7.45	29	15.28	29	20.30	American...	Williams, Dimond & Co. (S. B.)..	440.0	56.0	19.6	Glasgow.....	Los Angeles...	General.....	1,000	8,300	6,026
	28	5.17	29	12.52	29	19.48	30	8.16	British....	British-India Steam Nav. Co....	436.0	53.0	26.6	St. John.....	Brisbane.....	General.....	3,150	8,082	5,440
	25	18.23	30	5.40	30	13.37	30	14.55	Dutch.....	Royal Netherlands W. I. Mail Co.	345.0	42.0	14.0	Amsterdam...	Valparaiso...	General.....	880	4,321	3,120
	28	18.43	30	6.13	30	15.12	30	16.15	British....	Pacific Steam Navigation Co....	220.0	34.0	13.0	P. Colombia..	Buenaventura.	General.....	531	1,187	622
	29	16.48	30	6.14	30	13.13	30	14.20	British....	Pacific Steam Navigation Co....	381.0	49.0	20.3	Cardiff.....	Coronel.....	General.....	4,074	5,567	4,296
	29	18.32	30	7.55	30	16.07	30	17.15	American...	W. R. Grace & Co.....	360.2	51.6	23.0	New York....	Valparaiso...	General.....	3,147	5,694	3,975
	29	22.14	30	8.38	30	18.49	30	19.55	American...	United States Army.....				Cristobal....	Balboa.....				
	24	15.20	30	10.05	30	17.49	30	18.44	Danish....	Orient Steamship Co.....	385.0	53.0	15.6	Copenhagen...	San Francisco.	Ballast.....		6,080	4,618
									American...	Union Oil Co.....	470.0	55.0	29.8	Tampico.....	Los Angeles...	Crude oil.....	10,000	8,107	5,539
									Peruvian...	Peruvian Steamship Line.....	360.0	46.0	19.2	Cristobal....	Calloa.....	General.....	439	4,838	2,959

¹ Launch.² Mine planter.³ Petroleum refined; petroleum by-products and general.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

La Brea.....	23	15.30	24	6.33	24	13.35	24	14.15	American...	Union Oil Co. of California.....	435.0	56.0	19.6	Honolulu.....	Port Lobos....	Ballast.....	7,405	5,157
Herakles.....	23	18.50	24	6.36	24	16.20	24	18.00	Norwegian..	Bruusgaard & Co.....	390.0	54.1	25.0	Antofogasta...	Philadelphia..	Nitrate.....	8,040	5,680
Mantaro.....	23	22.00	24	7.48	24	15.20	30	10.05	Peruvian...	Peruvian Line.....	354.0	45.6	20.6	Callao.....	Cristobal....	General.....	2,505	4,838
Alrai Maru....	24	20.00	25	7.05	25	14.09	25	15.32	Japanese...	Osaka Shosen Kaisha.....	425.0	56.2	17.6	Yokohama....	New York....	(7)	1,858	7,902
Schodack.....	25	3.00	25	7.59	25	15.55	26	12.50	American...	Barber Steamship Line (S. B.)..	390.0	54.2	18.6	Manila.....	New York....	General.....	2,200	6,105
Port Lyttleton.	25	1.00	25	8.25	25	17.30	25	20.30	British.....	Commonwealth and Dom. Line..	450.0	55.2	26.0	Brisbane.....	London.....	(8)	6,533	8,219
Guatemala....	25	4.00	25	11.02	25	18.07			British.....	Pacific Steam Navigation Co....	359.3	43.3	15.9	Valparaiso....	Cristobal....	General.....	213	4,210
Steel Mariner..	25	10.50	25	12.00	25	19.35	26	10.53	American...	Isthmian Steamship Line.....	424.2	56.2	26.0	Portland.....	London.....	General.....	7,840	7,539
Milverton 4....	24	19.30	25	14.31	26	3.37	30	8.08	Finnish.....	Berndt & Gronblom.....	280.0	40.2	23.7	Antofagasta...	Falmouth 6....	Nitrate.....	3,490	2,250
Saint Louis....	25	13.15	25	14.39	25	23.15	27	14.45	French.....	Compagnie Gen. Transatlantic..	397.9	50.3	27.0	Talcahuano...	Bordeaux.....	General.....	5,500	5,857
Chassie Maersk	25	14.30	25	15.19	25	24.00	26	12.03	Danish.....	A. P. Moller.....	361.9	51.4	26.0	Makatea.....	Hamburg.....	General.....	6,762	4,993
Los Angeles....	26	4.30	26	8.01	26	15.27	26	15.27	American...	Union Oil Co. of California.....	435.0	56.0	18.0	Los Angeles...	Puerto Lobos..	Ballast.....	7,379	5,195
Irtysk.....	26	7.00	26	8.47	26	17.00	26	19.18	Russian....	Russian Volunteer Fleet Ass'n...	375.7	55.1	24.1	Caldera.....	Rotterdam....	Nitrate.....	6,119	5,475
Santa Ana.....	27	1.30	27	8.21	27	17.42	27	18.40	American...	W. R. Grace & Co.....	360.2	51.6	21.0	Valparaiso....	New York....	General.....	2,290	5,776
Mineola.....	27	11.20	27	11.54	27	18.56	27	19.47	American...	W. R. Grace & Co.....	298.6	40.0	14.0	Pimentel.....	Baltimore....	Ballast.....	2,835	1,821
Floridan.....	27	13.20	27	14.06	27	21.20	27	21.20	American...	American-Hawaiian Line.....	415.0	53.7	26.0	Portland.....	New York....	General.....	7,300	7,245
Darien 5.....			27	12.10					American...	R. Kopke.....				Balboa.....	Gatun.....			
Yoyoi Maru....	28	11.55	28	12.48	28	21.35	29	8.15	Japanese...	Kokusai Kisen Kaisha.....	400.0	53.0	25.6	Iquique.....	English chan'l.	Nitrate.....	7,616	
S. C. No. 284...			29	7.08	29	13.40			American...	United States Navy.....	110.0	16.0		Balboa.....	Cristobal....			
S. C. No. 355...			29	7.08	29	13.40			American...	United States Navy.....	110.0	16.0		Balboa.....	Cristobal....			
Koyo Maru....	29	13.00	30	6.44	30	14.59	30	18.07	Japanese...	Toyo Kisen Kaisha.....	400.0	53.0	26.6	Valparaiso....	Baltimore....	Nitrate.....	6,925	6,233
Hamburg Maru	29	19.50	30	7.36	30	16.22	5-1	5.30	Japanese...	Osaka Shosen Kaisha.....	400.0	54.5	20.0	Calcutta.....	New Orleans..	General.....	1,643	
Acajutla.....	30	7.10	30	8.05	30	15.10			British.....	Pacific Steam Navigation Co....	215.7	33.5	12.10	Guayaquil....	Cristobal....	(9)	276	1,273

4 Sailer.

5 Launch.

6 For orders.

7 Porcelain, mustard seed, oil, and general.

8 Cold storage and general.

9 Cocoa, coffee, and ivory nuts.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
April 24....	Atenas.....	United Fruit Co.....	New Orleans via way-ports.	April 24....	Atenas.....	United Fruit Co.....	Bocas del Toro.
April 25....	Frednes.....	J. C. Knudsen.....	New York.	April 26....	Frednes.....	J. C. Knudsen.....	Port-of-Spain.
April 25....	Cartago.....	United Fruit Co.....	New Orleans.	April 27....	St. Mihiel 10....	United States Army.....	New York via San Juan.
April 26....	Tolosa.....	United Fruit Co.....	New York via Habana.	April 27....	Tolosa.....	United Fruit Co.....	New York via Port Limon and Habana.
April 27....	San Gil.....	Clarke Service Co.....	Boston via Habana.	April 27....	Allianca.....	Panama Railroad Steamship Line..	New York via Haiti.
April 27....	Haiti.....	French Line.....	Bordeaux via wayports.	April 27....	Atenas.....	United Fruit Co.....	New Orleans.
April 27....	Bacchus.....	Royal Netherlands W. I. Mail Co..	Cartagena.	April 27....	Hannibal.....	United States Army.....	High seas.
April 27....	Atenas.....	United Fruit Co.....	Bocas del Toro.	April 28....	San Gil.....	Clarke Service Co.....	Port Limon.
April 29....	Gen. W. C. Gorgas..	Panama Railroad Steamship Line..	Puerto Colombia.	April 28....	Cartago.....	United Fruit Co.....	New Orleans via Bocas del Toro, and Habana.
April 29....	La Navarre.....	French Line.....	St. Nazaire and wayports.	April 28....	Montevideo.....	Spanish Line.....	Puerto Colombia.
April 30....	Cristobal.....	Panama Railroad Steamship Line..	Norfolk.	April 28....	Bacchus.....	Royal Netherlands W. I. Mail Co..	Puerto Barrios.
April 30....	Patuca.....	Elders & Fyffes, Ltd.....	Port Limon.	April 28....	Crescent 11....	H. A. Bodden.....	Colon.
April 30....	Ulysses.....	Panama Railroad Steamship Line..	Norfolk.	April 30....	Haiti.....	French Line.....	Puerto Colombia.
				April 30....	Patuca.....	Elders & Fyffes, Ltd.....	Kingston.

10 Transport.

11 Schooner.

PORT OF BALBOA.

April 26....	Aysen.....	South American Steamship Co....	Valparaiso.
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*Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight May 7, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Targis.....	30	21.04	1	6.13	1	13.58	1	14.55	German....	Roland Steamship Line.....	266.0	42.0	15.3	Bremen.....	Callao.....	General.....	711	2,174	1,320
Point Lobos....	30	6.53	1	6.14	1	13.52	1	14.55	American...	Pacific Mail Steamship Co.....	289.0	44.0	19.6	Baltimore....	San Francisco.	(4)	2,700	2,895	1,967
W. S. Miller...	1	5.00	1	7.10	1	15.15	1	16.15	American...	Standard Oil Co.....	435.0	56.2	27.5	Baton Rouge..	Seattle.....	Gasoline.....	8,800	7,440	5,045
Lehigh.....	1	6.37	1	9.45	1	16.58	1	18.05	American...	North Atl. & West. Co. (S. B.)..	390.0	54.2	17.6	Boston.....	Seattle.....	General.....	1,718	6,106	4,346
Ottar.....	30	23.45	1	10.51	1	18.02	1	19.20	Norwegian..	Jorgen C. Knudsen.....	262.6	37.0	13.3	New York....	Guayaquil....	General.....	48	1,815	1,222
Minnequa.....	1	11.22	1	11.40	1	18.54	2	12.51	American...	Wessel Duval & Co. (S. B.)....	390.0	54.2	20.8	New York....	Talcahuano...	General.....	3,088½	6,106	4,355
America¹.....	28	11.15	1	9.45	1	12.58	...	...	American...	J. H. Stilson.....	...	...	...	Cristobal....	Gatun Lake...	Ballast.....	...	6	6
Arizonian.....	1	13.55	2	6.20	2	13.13	2	14.25	American...	American-Hawaiian Line.....	484.0	57.2	23.0	Boston.....	Los Angeles...	General.....	3,378	9,158	6,970
Liberator.....	1	15.00	2	6.25	2	14.00	2	15.00	American...	Atl. Gulf. & Pacific S. S. Co....	428.0	56.0	23.8	Baltimore....	Los Angeles...	General.....	6,000	8,199	6,250
Montebello....	1	19.24	2	6.50	2	18.30	2	20.02	American...	Union Oil Co.....	440.4	58.2	29.1	Puerto Lobos..	Los Angeles...	Crude oil.....	11,000	8,844	5,842
Victoria.....	1	6.45	2	11.15	2	18.36	2	20.03	British.....	Pacific Steam Navigation Co....	401.4	52.3	21.7	Liverpool....	Valparaiso....	General.....	1,397	6,887	4,575
Fionia².....	2	2.55	3	6.07	3	13.05	3	14.00	Danish.....	Danish East Asiatic Co.....	395.0	53.0	23.0	Antwerp.....	Los Angeles...	General.....	2,955	5,744	4,016
City of Vancouver.....	3	7.12	3	7.50	3	16.13	3	17.17	British.....	Canadian Western S. S. Co.....	411.0	54.0	14.0	Emden.....	Vancouver....	Ballast.....	...	6,614	4,995
West Wind.....	27	21.31	3	8.10	3	19.12	...	...	American...	U. S. & A. Line (S. B.).....	410.0	54.0	24.0	New York....	Auckland.....	General.....	6,500	6,613	4,943
Sciota³.....	19	15.53	3	10.15	3	16.00	...	...	American...	United States Navy.....	...	...	...	Cristobal....	Balboa.....	...	...	...	...
Bellflower.....	3	13.02	4	6.13	4	15.15	4	19.08	American...	Barber Steamship Line (S. B.)..	395.5	55.0	26.0	New York....	Kobe.....	Kerosene.....	7,238	6,841	4,686
Guatemala....	25	18.07	4	6.20	4	13.27	4	14.50	British.....	Pacific Steam Navigation Co....	359.3	43.0	18.3	Cristobal....	Valparaiso....	General.....	435	4,210	2,744
Tacoma Maru..	4	5.45	4	6.42	4	15.20	4	16.15	Japanese...	Osaka Shosen Kaisha.....	410.0	51.0	22.0	Galveston....	Kobe.....	General.....	3,651	6,146	4,241
Ansaldo VIII..	3	15.23	4	7.50	4	16.32	5	8.15	Italian.....	Societa Nazionale di Navigazione	378.5	51.5	18.0	Genoa.....	Valparaiso....	General.....	2,236	5,521	3,599
Gen. H. F. Hodges.....	2	5.30	4	11.06	4	17.30	5	7.03	American...	Panama Railroad Steamship Line	323.5	39.0	14.8	New York....	Guayaquil....	General.....	551	3,013	1,574
Willfaro.....	4	22.15	5	6.35	5	14.31	5	15.33	American...	Williams Steamship Co.....	386.8	52.2	22.0	New York....	Los Angeles...	General.....	4,564	5,680	4,162
Azumasan Maru.....	5	19.15	6	6.10	6	14.07	6	15.30	Japanese...	Kyoto Kisen Kaisha.....	360.0	48.0	20.9	New York....	Shanghai....	General.....	3,101	4,666	3,397
Quilpue.....	4	7.47	6	6.10	6	14.42	6	15.50	British.....	Pacific Steam Navigation Co....	361.2	46.0	18.0	New York....	Guayaquil....	General.....	119	4,742	3,023
Breakwater....	5	19.45	6	6.11	6	15.37	...	...	American...	Panama Construction Co.....	102.7	24.0	11.0	Cristobal....	Balboa.....	Ballast.....	...	237	118
Lake Gunni....	6	6.35	6	7.05	6	14.56	7	20.00	American...	Swayne & Hoyt (S. B.).....	253.0	43.0	18.0	New Orleans..	Los Angeles...	General.....	2,386	2,915	2,005
Kaikoura.....	6	6.45	6	8.00	6	15.40	6	16.40	British.....	New Zealand Shipping Co.....	460.0	58.0	26.0	London.....	Auckland.....	General.....	4,800	9,057	6,438
America¹.....	5	13.56	6	6.00	6	10.02	...	...	American...	J. H. Stilson.....	...	...	...	Cristobal....	Gatun Lake...	...	...	6	6
Essequibo.....	6	13.05	7	6.04	7	12.55	7	14.58	British.....	Pacific Steam Navigation Co....	450.0	57.0	24.0	New York....	Valparaiso....	General.....	1,900	9,037	6,089
Ansaldo San Giorgio II...	6	6.50	7	6.11	7	13.51	8	16.20	Italian.....	Societa Nazionale di Navigazione	392.0	52.0	15.7	Genoa.....	Valparaiso....	General.....	700	5,902	4,287
Howick Hall...	6	18.58	7	6.37	7	15.36	7	16.46	American...	United States Steel Products Co.	400.8	51.5	26.0	New Orleans..	Yokohama....	(s)	6,692	6,095	4,381
Spectator.....	6	20.03	7	7.55	7	15.58	7	17.02	British.....	Harrison Line.....	384.7	50.0	20.7	London.....	Seattle.....	General.....	3,500	...	...

¹ Launch.

² Motor ship.

³ Tug.

⁴ Pipe, steel, and general.

⁵ Cotton, steel, and general.

Santa Tecla....	6	20.16	7	8.20	7	16.50	7	17.55	American...	W. R. Grace & Co.....	298.6	40.0	20.0	New York....	Callao.....	General.....	1,755	2,835	1,827
Borgland.....	7	6.37	7	9.25	7	17.12	8	23.15	Norwegian..	Peter Olsen.....	362.0	51.6	18.0	Antwerp.....	San Francisco.	General.....	1,629	5,274	3,886
Laura C. Hall ⁶	6	15.19	7	9.43	7	19.20	9	11.10	British.....	Pacific Metals Corporation.....	81.0	25.6	9.0	Cristobal....	Buenaventura.	Ballast.....	.....	130	69
Otaki.....	7	7.48	7	11.05	7	19.40	7	19.40	British.....	New Zealand Shipping Co.....	449.0	58.0	29.3	New York....	Auckland.....	General.....	6,500	8,256	5,470
Tairoa.....	7	2.20	7	12.36	7	20.50	7	21.51	British.....	Shaw, Saville & Albion Co.....	477.0	62.9	26.6	Liverpool....	Auckland.....	General.....	2,964	11,192	8,149

⁶ Motor schooner.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Seminole.....	30	22.30	1	7.56	1	15.45	1	15.45	American...	Tampa-Inter-Ocean S.S. Co. S. B.	401.9	54.2	27.6	Coquimbo....	Baltimore....	Iron ore.....	8,000	6,906	5,011
Salvador.....	1	17.30	2	6.22	2	15.30	.....	.....	British.....	Pacific Steam Navigation Co....	215.0	33.0	15.9	Champerico..	Cristobal....	(7)	1,029	1,213	692
Benjamin Brewster.....	1	21.30	2	6.55	2	15.17	2	23.40	American...	Standard Oil Co. of N. J.....	411.6	53.4	22.0	Junin Cove...	Tampico.....	Ballast.....	.....	6,360	4,337
Quillota.....	1	18.00	2	7.27	2	16.15	4	6.10	British.....	Pacific Steam Navigation Co....	361.4	46.2	18.6	Guayaquil....	New York....	General.....	1,581	4,768	2,956
West Notus....	1	20.30	2	8.09	2	16.50	2	16.50	American...	Swayne & Hoyt (S. B.).....	401.5	54.3	21.6	Tacoma.....	Ponce.....	Lumber, general.	5,351	6,582	4,913
Kiyo Maru....	17	9.50	2	10.30	2	18.00	2	18.00	Japanese....	Toyo Kisen Kaisha.....	470.0	56.5	20.0	Valparaiso...	Tampico.....	Ballast.....	.....	9,146	6,385
Canadian Prospector...	2	10.25	2	12.21	2	20.40	3	14.27	British.....	Canadian Government.....	399.3	52.4	23.1	Chamenuis....	Alexandria....	Lumber.....	5,090	5,858	4,033
Alaskan.....	1	19.30	2	14.27	2	23.20	2	23.20	American...	American-Hawaiian Line.....	470.1	57.2	28.6	Hilo.....	New Orleans..	Sugar.....	12,000	9,250	6,901
Advance.....	3	1.15	3	7.25	3	23.00	5	15.00	American...	Panama Railroad Steamship Line	295.0	38.4	18.6	Guayaquil....	New York....	General.....	1,618	2,947	2,113
Normanstar...	2	23.30	3	8.05	3	16.15	3	22.00	British.....	Blue Star Line.....	415.0	56.0	24.0	Whatakane...	United King..	(8)	3,411	7,517	5,458
Zealandic.....	3	11.40	3	12.25	3	20.40	4	13.02	British.....	White Star Line.....	477.0	63.1	26.0	Wellington...	London.....	(8)	6,094	11,754	8,452
Sarpfos.....	5	1.30	5	7.58	5	14.45	6	6.16	Norwegian..	Thor. Thoresen Line.....	254.8	39.2	14.3	Guayaquil....	New York....	(9)	1,083	2,064	1,479
Colorado Springs.....	5	7.15	5	9.21	5	18.20	6	6.45	American...	Sudden & Christensen (S. B.)...	409.6	54.2	27.1	Portland.....	Leghorn, Italy	Wheat.....	7,700	7,490	5,721
Elder Branch...	5	9.00	5	10.00	5	17.20	5	21.45	British.....	Nautilus Steamship Co.....	380.3	49.7	26.0	Punta Arenas.	Liverpool....	General.....	6,248	4,965	3,653
San Jose.....	4	17.20	5	13.23	5	20.17	.....	.....	American...	Pacific Mail Steamship Co.....	283.0	37.0	17.5	San Francisco.	Cristobal....	General.....	1,515	2,352	1,602
Tregantle.....	4-6	11.25	6	6.37	6	14.38	6	19.20	British.....	Hain Steamship Co.....	400.2	52.1	24.1	Valparaiso....	France.....	General.....	6,168	6,035	4,610
Laura C. Hall..	5	9.30	6	6.38	6	15.19	7	9.43	British.....	Pacific Metals Corporation.....	81.0	25.6	9.0	Buenaventura.	Cristobal....	Platinum.....	(10)	130	69
Caddo.....	3	20.00	6	6.50	6	15.03	6	15.03	American...	Standard Oil Co. of N. J.....	417.5	55.2	20.0	San Francisco.	Tampico.....	Ballast.....	.....	6,437	4,297
Chile.....	5	23.30	6	7.37	6	16.00	.....	.....	British.....	Pacific Steam Navigation Co....	350.3	43.1	16.6	Valparaiso....	Cristobal....	General.....	109	4,064	2,668
Bratsberg.....	6	13.20	6	14.05	6	21.21	6	21.47	Norwegian..	Borgestad Co.....	345.9	49.6	19.0	Antofagasta...	New York....	Copper, etc....	3,300	4,262	3,042
La Habra.....	4	0.01	7	6.34	7	16.49	7	16.59	Norwegian..	Wilhem Wilhelmsen.....	424.8	57.0	17.0	Antofagasta...	Tampico.....	Ballast.....	.....	7,053	5,051
Pleiades.....	6	22.30	7	7.39	7	17.41	7	17.45	American...	Luckenbach Line.....	331.5	47.0	21.0	San Francisco.	New York....	General.....	3,700	4,147	3,259
Rimutaka.....	7	12.25	7	13.24	7	22.15	8	10.10	British.....	New Zealand Shipping Co.....	457.2	58.2	22.6	Auckland.....	London.....	(8)	5,225	9,124	6,848
Ucayali.....	7	13.30	7	14.40	7	23.00	.....	.....	Peruvian...	Peruvian Steamship Co.....	374.4	46.3	23.0	Callao.....	Cristobal....	General.....	2,355	4,465	2,405

⁷ Coffee, sugar, lard, etc.

⁸ Cold storage and general.

⁹ Cacao, coffee, ivory nuts, and hides.

¹⁰ Value \$47,100.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
May 1.....	Metapan.....	United Fruit Co.....	New Orleans and way-ports.	May 1.....	Gen. W. C. Gorgas...	Panama Railroad Steamship Line..	New York via Haiti.
May 1.....	Teviot.....	Pacific Steam Navigation Co.....	London.	May 1.....	Metapan.....	United Fruit Co.....	Bocas del Toro.
May 2.....	Abangarez.....	United Fruit Co.....	New Orleans.	May 3.....	La Navarre.....	French Line.....	Puerto Colombia.
May 3.....	Calamares.....	United Fruit Co.....	New York via Habana.	May 3.....	Centurion.....	Harrison Line.....	Trinidad.
				May 4.....	Cristobal.....	Panama Railroad Steamship Line..	Norfolk.

(Continued on page 608, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight May 14, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Celtic Prince...	7	17.05	8	6.25	8	13.57	8	15.10	British	Prince Line, Limited	449.0	57.3	28.5	New York	Pt. Swetten'm.	General and oil.	9,000	8,699	6,208
La Brea	8	6.05	8	6.50	8	15.09	8	16.35	American	Union Oil Co.	435.0	56.0	30.0	Pt. Lobos	Los Angeles	Crude oil	10,129	7,405	5,158
Mobile City	7	17.59	8	6.35	8	16.18	8	17.25	American	United States Steel Products Co.	395.5	55.0	28.0	New York	Honolulu	General	8,525	7,285	5,256
Eurydamas	8	13.25	8	13.35	8	20.45	8	23.45	British	Alfred Holt & Co.	410.0	49.0	26.11	New York	Yokohama	General	5,686	5,718	4,189
Amur Maru	9	11.50	9	12.10	9	19.35	9	20.41	Japanese	Osaka Shosen Kaisha	425.0	56.0	19.0	New York	Kobe	General	1,231	7,901	5,629
Karamea	9	13.10	9	13.25	9	20.48	9	21.52	British	Shaw, Saville & Albion Co.	420.0	54.0	21.6	London	Dunedin	General	1,000	7,106	5,073
Junia	9	13.30	10	6.07	10	13.10	10	14.25	British	Pacific Steam Navigation Co.	392.0	50.0	19.3	London	Valparaiso	General	2,460	5,930	4,395
Choyo Maru	9	14.23	10	6.15	10	14.04	12	14.00	Japanese	Toyo Kisen Kaisha	400.0	53.0	20.0	Philadelphia	Kobe	General	3,180	6,186	4,457
Naugus	9	15.15	10	6.15	10	15.53	10	17.10	American	Barber Line (S. B.)	402.0	53.0	26.6	New York	Chefoo	Kerosene	7,062	6,583	4,873
Los Angeles	9	18.27	10	7.33	10	16.52	10	18.10	American	Union Oil Co.	435.0	56.0	29.0	Pt. Lobos	Los Angeles	Crude oil	11,000	7,380	5,195
Salvador	2	15.30	10	9.18	10	16.42	10	17.40	British	Pacific Steam Navigation Co.	215.0	33.0	13.6	Cristobal	Champerico	General	514	1,213	692
Eten	9	18.30	10	11.08	10	18.53	10	20.13	Peruvian	Peruvian Steamship Line	450.0	53.2	26.8	New York	Callao	Coal	7,037	7,422	5,219
San Jose	5	20.17	11	6.00	11	13.06	11	18.18	American	Pacific Mail Steamship Co.	283.0	37.0	21.5	Cristobal	San Francisco	General	561	2,352	1,602
Santa Olivia	11	7.57	11	8.25	11	16.19	11	17.22	American	Atlantic & Pacific Steamship Co.	404.6	53.9	22.0	New York	Callao	General	4,185	6,802	4,943
Acajutla	4-30	15.10	11	8.50	11	15.17	11	16.10	British	Pacific Steam Navigation Co.	215.0	33.5	13.0	Cristobal	Guayaquil	General	293	1,273	706
Cauca	10	15.35	11	11.12	11	17.15	11	18.18	British	Pacific Steam Navigation Co.	246.0	35.0	15.0	Cristobal	Corinto	Ballast	1,582	1,023	
S. C. 285	10	15.12	11	13.10	11	17.55			American	United States Navy				Cristobal	Balboa				
Affinity			11	6.00	11	8.18			American	E. J. Hooper	29.0	9.0	3.8	Cristobal	Gatun Lake		6	4	
Palena	8	13.35	12	6.10	12	13.08	12	14.10	Chilian	South American Steamship Line	350.0	42.0	23.3	Cristobal	Valparaiso	General	452	3,666	2,577
Orari	12	2.18	12	7.10	12	14.52	12	16.00	British	New Zealand Steamship Co.	460.7	60.2	25.8	London	Wellington	Coal	5,550	9,827	6,895
Annapolis	13	1.17	14	6.20	14	12.49			American	United States Navy	206.0	36.0	13.7	Philadelphia	Balboa				
Noorderdijk	14	6.10	14	8.25	14	15.53	14	17.00	Dutch	Holland-American Line	470.0	58.0	17.0	Rotterdam	San Francisco	Ballast	8,888	6,612	
Takaoka Maru	14	12.55	14	13.10	14	20.11	14	21.15	Japanese	Nippon Yusen Kabushiki Kaisha	445.0	58.0	22.0	New York	Shanghai	General	5,657		

¹ Launch.

² Training ship.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Palena	7	16.00	8	6.43	8	13.35	12	6.10	Chilean	Chilean Line	350.0	42.1	19.1	Valparaiso	Cristobal	General	1,146	3,666	2,577
Garfield	8	13.30	8	14.10	8	21.28	8	23.55	American	W. R. Grace & Co.	299.4	45.0	18.6	Callao	New York	Sugar, ore, gen'l.	2,600	3,228	2,010
West Camak	8	13.40	9	6.21	9	18.05	10	3.55	American	Williams Dimond Co. (S. B.)	410.5	54.0	25.6	Portland	Antwerp	General	6,539	6,622	4,880
Steel Ranger	9	3.15	9	7.37	9	18.09	9	18.09	American	United States Steel Products Co.	424.2	56.2	23.0	Seattle	New York	Lumber, general	6,962	7,539	5,448
Sciota	3	16.00	9	9.20	9	17.31	16	7.00	American	United States Navy	149.4	30.0		Balboa	Cristobal				
Athenic	9	9.35	9	10.24	9	19.50	10	14.55	British	White Star Line	500.3	63.3	26.0	Wellington	Southampton	(4)	5,558	12,895	9,570
San Joaquin	9	11.30	9	12.16	9	20.15	10	12.25	Norwegian	Wilhelm Wilhelmsen	425.4	57.1	19.0	Tocopilla	Tampico	Ballast	7,059	5,042	

³ Tug.

⁴ Butter, cheese, meat, wool, fruit, etc.

Cauca.....	10	6.45	10	7.56	10	15.35	11	11.12	British.....	Pacific Steam Navigation Co....	246.0	35.2	12.6	Guayaquil....	Cristobal.....	(6)	347	1,582	1,023
S. C. 285.....	4-18	13.44	10	8.00	10	15.12	11	13.10	American....	United States Navy.....	116.0	16.0	.....	Balboa.....	Cristobal.....	(7)	6,400	11,053	7,894
Maimoa.....	9	22.30	10	8.00	10	16.20	10	18.37	British.....	Shaw, Saville & Albion Co.....	477.9	63.0	24.6	Wellington....	London.....	(7)	6,400	11,053	7,894
West Nomen- tum.....	10	18.45	11	7.11	11	16.35	11	20.40	American....	Sudden & Christensen (S. B.)...	410.5	54.3	24.6	Portland.....	Belfast.....	Wheat and flour.	6,518	6,583	4,914
Statesman.....	10	20.20	11	7.23	11	17.53	11	19.23	British.....	T. & J. Harrison.....	423.3	53.0	27.0	Vancouver....	London.....	(8)	8,220	6,361	4,592
Dolphin.....	3-11	6.00	11	8.10	11	19.38	11	19.38	American....	United States Navy.....	256.0	33.0	16.0	Balboa.....	Bocas del Toro	(9)	3,390	5,957	4,325
Santa Elisa.....	11	7.00	11	9.30	11	19.40	11	20.55	American....	W. R. Grace & Co.....	360.3	51.7	23.1	Valparaiso....	New York....	(9)	3,390	5,957	4,325
Woudrichem....	11	3.30	11	11.37	11	21.50	.....	.....	American....	Kennebec Steamship Co.....	355.1	43.5	15.0	Hongkong....	New York....	Rice.....	1,000	4,103	2,787
Orani.....	3	0.45	11	13.27	11	23.25	12	7.20	American....	Frank Waterhouse (S. B.).....	402.4	53.1	26.0	Portland.....	Hamburg....	Wheat.....	7,700	6,577	4,954
Orcus.....	11	12.50	11	13.45	12	0.25	12	9.45	American....	Wessel Duval & Co. (S. B.)....	380.2	53.1	23.8	Tocopilla....	New Orleans..	(10)	6,732	5,667	4,220
Yalza.....	12	3.30	12	7.59	12	15.06	12	15.46	American....	N. A. & Western S. S. Co. (S. B.)	400.7	54.0	15.0	Seattle.....	New York....	Fruit, general...	2,251	6,529	4,737
Hanley.....	12	9.50	12	11.01	12	19.30	14	6.40	American....	McCormick & McPherson (S.B.)..	440.0	56.0	28.1	Portland.....	Naples.....	Wheat.....	9,216	8,301	6,019
Asia.....	12	21.30	13	7.50	13	15.24	13	16.53	Danish.....	East Asiatic Co.....	413.0	53.6	29.4	San Francisco.	Fayal.....	General.....	9,598	7,396	5,587
S. V. Harkness..	13	7.40	13	8.44	13	16.39	13	19.25	American....	Standard Oil Co.....	419.4	57.2	19.0	San Francisco.	Tampico.....	Ballast.....	7,443	5,544	.....
Barima.....	13	6.00	13	9.21	13	17.00	.....	.....	British.....	Pacific Steam Navigation Co....	220.0	37.0	13.6	Champerico...	Cristobal....	General.....	868	1,650	918
S. C. 285.....	11	17.55	13	6.50	13	12.35	.....	.....	American....	United States Navy.....	116.0	16.0	.....	Balboa.....	Cristobal....	.....	.....	.....	.....
Cathlamet.....	13	16.30	14	6.36	14	13.20	14	15.55	American....	U. S. & Australian Line (S. B.)..	410.5	54.2	18.0	Melbourne....	New York....	General.....	370	6,755	4,875
Ruapehu.....	14	3.15	14	8.04	14	17.45	15	12.10	British.....	New Zealand Shipping Co.....	457.3	58.2	24.8	Wellington....	London.....	(7)	4,871	9,009	6,779
Jamaica.....	14	4.20	14	8.28	14	17.35	.....	.....	British.....	Pacific Steam Navigation Co....	220.0	34.0	11.3	Tumaco.....	Cristobal....	General.....	283	1,187	622
Maricopa.....	14	13.45	14	14.25	14	21.35	15	12.10	Norwegian..	Wilhelm Wilhelmsen.....	425.2	57.0	19.0	Antofagasta...	Tampico.....	Ballast.....	.....	.....	.....

5 Gunboat.

6 Coffee, cocoa, and general.

7 Cold storage and general.

8 Wheat, flour, and general.

9 Nitrate, copper, and general.

10 Nitrate of soda and potash.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
May 8.....	Heredia.....	United Fruit Co.....	New Orleans via way ports.	May 7.....	Camden.....	United Fruit Co.....	Bocas del Toro.
May 9.....	Antillian.....	Leyland Line.....	Liverpool via wayports.	May 8.....	Heredia.....	United Fruit Co.....	Bocas del Toro.
May 10.....	Pastores.....	United Fruit Co.....	New York via Habana.	May 9.....	Dowea.....	Curacao Shipping Co.....	San Lorenzo.
May 11.....	Heredia.....	United Fruit Co.....	Bocas del Toro.	May 9.....	Jan Van Nassau.....	Royal Netherlands W. I. Mail.....	Puerto Colombia.
May 11.....	San Blas.....	United Fruit Co.....	Boston.	May 11.....	Gen. G. W. Goethals.	Panama Railroad Steamship Line..	New York via Haiti.
May 12.....	Matouba.....	French Line.....	Fort-de-France.	May 11.....	Antillian.....	Leyland Line.....	New Orleans.
May 13.....	Leon XIII.....	Spanish Line.....	Barcelona via wayports.	May 11.....	Pastores.....	United Fruit Co.....	New York via Port Limon and Habana.
May 14.....	Atenas.....	United Fruit Co.....	New Orleans via Habana.	May 11.....	Heredia.....	United Fruit Co.....	New Orleans.
May 14.....	Camito.....	Elders & Fyffes, Ltd.....	Port Limon.	May 12.....	San Blas.....	United Fruit Co.....	Port Limon.
.....	.....	.....	.....	May 12.....	Panama.....	Panama Railroad Steamship Line..	New York.
.....				May 14.....	Camito.....	Elders & Fyffes, Ltd.....	Kingston.

PORT OF BALBOA.

May 13.....	Sacramento.....	United States Navy.....	Sea.				
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*Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight May 21, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Ucayali.....	7	23.00	15	6.15	15	13.28	15	15.25	Peruvian...	Peruvian Steamship Line.....	374.0	46.0	18.6	Cristobal....	Callao.....	General.....	459	4,466	2,405
Point Judith...	14	15.17	15	6.15	15	14.17	15	15.25	American...	Pacific Mail Steamship Co.....	289.0	44.0	20.6	Baltimore....	San Francisco.	General.....	3,113	2,895	1,982
Dunsyre ¹	14	17.40	15	6.40	15	16.25	15	20.00	American...	Robert Dollar Co.....	277.0	41.0	17.6	Philadelphia..	San Francisco.	General.....	2,026	2,217	2,008
Washington Maru.....	14	8.10	15	7.44	15	15.58	15	17.12	Japanese....	Kokusai Kisen Kaisha.....	385.0	51.0	26.9	Port Arthur...	Darien.....	Case oil.....	5,961	5,919	4,400
Buenos Aires ² ..	15	13.55	16	6.16	16	13.57	16	19.08	Swedish....	Johnson Steamship Line.....	440.0	56.0	16.0	Stockholm....	San Francisco.	General.....	1,047	7,591	5,661
Haleric.....	16	6.40	16	13.03	16	20.22	16	21.30	British.....	Andrew Weir & Co.....	400.0	52.0	25.3	New York....	Manila.....	General.....	7,000	6,131	4,632
Sciota ³	9	17.31	16	7.00	16	13.50	17	23.41	American...	United States Navy.....	149.4	30.0	.....	Cristobal....	Guayaquil....	.....	.....	.....	.....
O-11, O-12, O-13, O-15, -O 16 ⁴.....	.....	.....	16	8.15	16	15.59	17	23.16	American...	United States Navy.....	184.0	18.0	.....	Cristobal....	Guayaquil....	.....	.....	.....	.....
Chile.....	6	16.00	18	6.05	18	13.46	18	15.09	British.....	Pacific Steam Navigation Co....	350.0	43.1	17.8	Cristobal....	Valparaiso....	General.....	288	4,065	2,668
Santa Teresa...	17	19.15	18	6.15	18	13.07	18	14.20	American...	W. R. Grace & Co.....	360.2	51.6	24.7	New York....	Talcahuano...	General.....	3,954	5,726	4,086
Liebre.....	18	6.00	18	7.03	18	15.08	18	16.15	American...	General Petroleum Co.....	435.0	56.0	27.6	Tampico.....	Iquique.....	Crude oil.....	10,400	7,567	5,160
Eastern Crown.	15	8.35	18	12.52	18	20.50	18	22.00	American...	U. S. & Australian Line (S. B.)..	399.7	54.7	23.0	New York....	Adelaide.....	General.....	5,942	6,167	4,444
Oak Branch....	17	14.00	19	6.12	19	13.26	19	14.45	British.....	Nautilus Steamship Co.....	385.0	49.8	16.6	Liverpool....	Coronel.....	General.....	3,144	5,209	4,031
Iowan.....	19	6.39	19	7.10	19	15.10	19	16.35	American...	American-Hawaiian Line.....	407.0	53.7	23.0	New York....	Los Angeles...	General.....	4,000	7,091	5,054
Kiyo Maru....	19	6.53	19	7.34	19	17.49	19	19.13	Japanese....	Toyo Kisen Kaisha.....	470.0	56.5	28.0	Tampico.....	Yokohama....	Crude oil.....	7,879	9,146	6,385
Peshawur.....	19	7.31	19	9.15	19	18.21	19	22.50	British.....	P. & O. Steam Navigation Co...	449.0	58.0	24.6	Norfolk.....	Wellington...	Coal.....	2,696	8,175	5,342
South American	19	18.30	20	6.12	20	13.09	20	14.55	British.....	South American Steamship Co...	251.0	43.6	20.9	New York....	Callao.....	General, coke...	2,772	2,444	1,593
Indianic.....	20	19.04	21	6.33	21	14.00	21	15.05	Swedish....	Rederiaktieb Transatlantic.....	380.4	52.0	24.9	Galveston....	Adelaide.....	Sulphur.....	5,500	5,450	3,900
Barima.....	13	17.00	21	10.52	21	17.00	21	18.10	British.....	Pacific Steam Navigation Co....	220.0	37.0	11.0	Cristobal....	Champerico...	General.....	158	1,650	918

¹ Bark.² Motor ship.³ Tug.⁴ Submarines.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Annapolis ⁵	14	12.49	15	6.45	15	14.10	15	15.08	American...	United States Navy.....	168.0	36.0	13.7	Balboa.....	Key West....	.....	.....	.....	.....
Corinthic.....	15	5.19	15	8.07	15	15.35	16	6.23	British.....	White Star Line.....	500.3	63.3	26.0	Bluff, N. Z....	London.....	General.....	4,576	12,820	9,507
Solana.....	15	8.20	15	10.11	15	17.08	15	20.50	American...	Pacific Mail Steamship Co.....	419.5	56.5	17.6	Iquique.....	Tampico.....	Ballast.....	.....	7,043	5,050
Gen. Wm. M. Graham ⁶	4-30	15.00	15	8.17	15	14.10	.....	.....	American...	United States Navy.....	156.0	32.0	.....	Balboa.....	Cristobal....	.....	.....	.....	.....
Falstria.....	15	2.00	15	12.13	15	20.18	15	20.40	Danish.....	East Asiatic Co.....	365.0	50.2	23.0	Valparaiso....	Copenhagen...	General.....	4,978	4,799	3,484
Canadian Traveler.....	15	16.55	16	6.27	16	14.50	16	19.17	British.....	Canadian Government.....	400.0	52.0	25.0	Chemainus....	Alexandria....	(7)	2,803	5,893	4,143

⁵ Training ship⁶ Mine planter.⁷ Railroad ties.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight May 28, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage,	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Selma City.....	21	23.25	22	6.33	22	14.08	22	15.20	American...	United States Steel Products Co.	424.0	56.0	26.0	Mobile.....	Yokohama....	General, steel...	7,684	7,539	5,448
La Habra.....	22	7.40	22	8.00	22	15.27	22	16.38	Norwegian..	W. Wilhelmsen.....	425.0	56.0	26.6	Puerto Lobos..	San Francisco.	Crude oil.....	9,700	7,053	5,051
Mevania.....	22	11.35	22	11.50	22	19.19	...	...	American...	Walker & Daley.....	425.0	57.0	27.6	Tampico.....	Balboa.....	Fuel oil.....	9,000	7,485	5,212
Steel Inventor..	23	1.30	23	7.20	23	16.05	23	16.15	American...	United States Steel Products Co.	424.2	56.2	26.6	New York.....	Seattle.....	General.....	8,200	7,539	5,448
Port Napier....	23	10.45	23	11.20	23	18.07	23	19.05	British.....	Commonwealth and Dom. Line..	490.3	61.4	24.4	London.....	Lyttleton.....	General.....	2,770	10,987	8,165
Alvarado.....	23	10.40	24	6.13	24	13.37	24	15.05	American...	Pacific Transport Co.....	245.0	41.5	16.0	New Orleans..	San Francisco.	...	200	2,122	1,504
Ulysses.....	21	17.30	24	12.27	24	19.07	25	13.10	Dutch.....	Royal Netherlands W. I. Mail..	346.2	48.2	15.6	Amsterdam...	Corral.....	General.....	2,690	4,145	3,057
Cape Romain..	25	12.05	25	12.57	25	20.05	25	21.25	American...	Atlantic Gulf & Pacific S. S. Co.	376.4	52.3	24.6	Baltimore.....	Los Angeles...	General, sulphur.	5,810	5,142	3,568
Cauca.....	23	11.30	26	6.05	26	13.29	26	15.05	British.....	Pacific Steam Navigation Co....	246.0	35.0	17.4	Cristobal.....	Corinto.....	Ballast.....	...	1,448	1,023
Jamaica.....	23	17.59	26	6.05	26	14.12	26	19.10	British.....	Pacific Steam Navigation Co....	220.1	34.1	13.6	Cartagena....	Tumaco.....	General, salt....	850	1,138	622
Wangaratta....	26	6.07	26	6.45	26	14.36	26	15.55	British.....	British India Steam Nav. Co....	450.0	58.0	26.4	Glasgow.....	Wellington...	Coal.....	3,334	7,897	5,227
Honduras.....	25	13.01	26	11.32	26	19.08	26	20.17	French.....	French Line.....	389.0	51.0	17.6	Bordeaux.....	Guayaquil....	General.....	468	5,923	4,363
Harry Luckenbach..	27	6.15	27	6.55	27	14.21	27	15.04	American...	Luckenbach Line.....	448.9	60.2	20.2	New York....	San Francisco.	General.....	...	9,262	6,733
Arawa.....	26	19.35	27	10.50	27	17.25	27	18.30	British.....	Shaw, Saville & Albion Co.....	459.5	60.5	25.1	London.....	Wellington...	General.....	3,500	10,035	7,504
Agamemnon....	27	6.25	27	12.00	27	18.50	27	20.30	British.....	Alfred Holt & Co.....	442.1	52.0	27.8	New York....	Shanghai....	General.....	...	6,921	4,873
Esther Dollar..	27	13.30	27	13.50	27	20.18	27	21.50	British.....	Dollar Steamship Line.....	483.6	56.0	23.0	New York....	Vancouver....	General.....	4,400	9,856	7,133
Camden ¹	11	1.25	28	6.00	28	15.30	...	...	American...	United States Navy.....	388.0	47.6	23.8	Key West.....	San Diego....	...	...	...	...
R-1, 2, and 3 ²	11	12.57	28	6.00	28	13.55	...	...	American...	United States Navy.....	184.0	18.0	14.6	Key West.....	San Diego....	...	...	...	...
R-4 and 5 ² ...	11	12.57	28	6.00	28	14.05	...	...	American...	United States Navy.....	184.0	18.0	14.6	Key West.....	San Diego....	...	...	...	...
R-6 and 7 ² ...	11	12.57	28	6.00	28	14.07	...	...	American...	United States Navy.....	184.0	18.0	14.6	Key West.....	San Diego....	...	...	...	...
R-8 and 10 ² ...	11	12.57	28	6.00	28	15.07	...	...	American...	United States Navy.....	184.0	18.0	14.6	Key West.....	San Diego....	...	...	...	...
Manavi.....	7	18.45	28	8.20	28	16.04	28	17.20	British.....	Pacific Steam Navigation Co....	216.0	35.1	11.6	Cristobal.....	Guayaquil....	General.....	...	1,357	884
Port Albany...	28	12.45	28	13.10	28	19.40	28	20.50	British.....	Commonwealth and Dom. Line..	426.3	54.1	23.0	New York....	Sydney.....	General.....	2,711	...	...

¹ Subtender.² Submarines.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Laura C. Hall..	20	17.25	22	6.26	22	15.10	...	...	British.....	Pacific Metals Corporation.....	81.0	25.6	10.0	Buenaventura.	Cristobal.....	(⁴)	64	130	69
Ottar.....	21	8.45	22	6.40	22	14.15	23	6.34	Norwegian..	J. C. Knudsen.....	262.6	37.0	14.3	Guayaquil....	New York....	General.....	730	1,815	1,222
Otarama.....	21	23.45	22	8.00	22	14.53	22	15.40	British.....	New Zealand Shipping Co.....	454.5	56.3	24.0	Wellington...	Liverpool....	(⁵)	9,000	9,781	5,518
Urubamba.....	22	0.45	22	9.14	22	16.18	29	6.24	Peruvian...	Peruvian Steamship Line.....	381.2	41.1	18.6	Callao.....	Cristobal.....	General.....	1,938	4,803	2,951
Miraflores ³ ...	...	...	22	10.55	22	18.20	23	10.50	American...	W. B. Hayden of Galveston....	119.6	23.0	12.5	Balboa.....	Galveston....	Ballast.....	...	217	36
Bessie Dollar..	22	2.30	22	11.10	22	18.24	22	19.03	British.....	Canadian Dollar Co.....	369.7	50.0	24.0	Singapore....	New York....	General, lumber.	4,382	5,245	3,991
Saint Andre....	22	12.45	22	13.22	22	21.17	24	12.40	French.....	French Line.....	397.9	50.3	26.0	Talahuanu...	Bordeaux.....	Nitrate, cereals..	6,303	5,917	4,146

³ Tug.⁴ Hats, coffee, and drums.⁵ Cold storage and general.

Montgomery City.....	22	15.00	23	6.51	23	13.45	23	15.55	American...	United States Steel Products Co.	424.2	56.2	24.3	Honolulu.....	New Orleans..	Sugar.....	7,000	7,539	5,448	
Ebro.....	23	6.45	23	9.28	23	16.30	24	10.20	British.....	Pacific Steam Navigation Co....	450.3	57.8	23.4	Coronel.....	Liverpool....	General.....	3,555	9,089	6,215	
Eurymachus....	23	12.35	23	13.17	23	20.25	23	22.45	British.....	A. Holt.....	400.6	52.3	26.6	Vancouver....	Liverpool....	(8)	6,943	5,818	3,981	
West Haven....	22	23.30	23	13.25	23	21.07	23	21.07	American...	Atlantic-Gulf Steamship Corp...	409.6	54.1	19.0	Vancouver....	New York....	General.....	3,775	6,664	5,020	
Cauca.....	23	23.30	24	7.41	24	14.25	26	6.05	British.....	Pacific Steam Navigation Co....	246.0	35.2	17.5	Corinto.....	Cristobal....	(9)	1,318	1,582	1,023	
West Isleta....	24	1.20	24	8.15	24	15.18	24	15.18	American...	N. Atl. & West. S. S. Co. (S. B.)..	409.8	54.2	19.0	Seattle.....	New York....	Fruit, general...	2,332	6,759	4,900	
Ohioan.....	25	0.30	25	7.39	25	14.27	25	14.27	American...	American-Hawaiian Line.....	407.7	53.7	22.6	San Pedro....	New York....	General.....	4,420	7,106	5,066	
Jalapa.....	25	0.16	25	7.54	25	16.25	26	12.00	American...	Frank Waterhouse (S. B.).....	402.6	53.0	27.0	Tacoma.....	Danzig.....	Flour, wheat....	7,600	6,580	4,856	
Moerdijk.....	25	1.00	25	8.33	25	17.00	26	9.35	Dutch.....	Holland-American Line.....	471.0	60.1	24.6	San Francisco.	Rotterdam....	General.....	9,294	9,165	6,861	
Quilpue.....	25	5.20	25	10.45	25	17.25	27	12.26	British.....	Pacific Steam Navigation Co....	361.2	46.0	19.9	Guayaquil....	New York....	General.....	2,153	4,742	3,023	
Silverado.....	20	15.45	25	11.42	25	20.45	.....	.....	American...	General Steamship Corp. (S. B.)..	245.6	42.0	13.6	Valparaiso....	Cristobal....	Ballast.....	.....	2,460	1,714	
Willhilo.....	25	11.20	25	11.52	25	21.12	25	23.10	American...	Williams Steamship Co. (S. B.)..	434.4	57.7	23.0	Seattle.....	Philadelphia..	Lumber, general.	6,200	7,983	5,882	
Lompoc.....	21	0.01	25	12.51	25	20.55	25	20.55	British.....	C. T. Bowring.....	435.3	55.8	20.0	Taltal.....	Tampico.....	Ballast.....	.....	7,496	5,311	
Mevania.....	22	19.19	25	13.48	25	21.57	25	21.57	American...	Walker & Daley (S. B.).....	425.0	57.0	.....	Balboa.....	Tampico.....	Ballast.....	.....	7,485	5,212	
D. G. Schofield.	25	13.30	25	14.00	25	21.40	25	21.40	American...	Standard Oil Co.....	439.5	58.0	21.0	San Francisco.	Tampico.....	Ballast.....	.....	8,912	6,254	
Katrina Luck- enbach.....	25	15.00	25	15.54	25	23.33	25	23.33	American...	Luckenbach Line.....	446.0	56.1	27.0	Portland.....	Philadelphia..	Lumber, general.	7,500	8,508	6,199	
Ben ⁶.....	.....	.....	.....	.....	.....	.....	.....	.....	American...	George Healey.....	30.0	7.2	.....	Balboa.....	Gatun.....	.....	.....	213	172	
Genesee ⁷	19	23.45	26	6.18	26	15.05	26	15.05	American...	Arthur L. Crowley.....	119.0	27.7	13.7	Papeete.....	New York....			580	741	350
Balboa.....	26	3.30	26	7.45	26	15.00	30	11.12	American...	Colombian Maritime Co.....	190.0	29.1	14.2	Corinto.....	Cristobal....	Coffee.....	(5)	4,295	11,229	8,252
Waimana.....	26	9.30	26	10.44	26	18.10	26	20.10	British.....	Shaw, Saville & Albion Co.....	477.5	63.1	23.0	Wellington....	London.....			6,682	6,593	4,924
Bakersfield....	26	17.05	27	6.40	27	15.00	30	23.59	American...	Williams Dimond & Co. (S. B.)..	410.5	54.3	25.0	Seattle.....	Liverpool....	Wheat, general..	6,682	6,593	4,924	
North American	27	10.20	27	11.39	27	18.30	27	21.35	British.....	American Metal Transp. Co....	251.0	43.6	21.0	Iquique.....	Savannah....	Nitrate.....	3,250	2,444	1,571	
Eastern Guide..	25	0.05	28	6.36	28	14.05	29	5.50	American...	Pacific Steamship Co. (S. B.)...	344.9	50.2	24.0	Portland.....	Belfast.....	Wheat.....	5,058	4,358	3,073	
Mount Berwyn.	27	20.30	28	7.54	28	15.40	29	5.15	British.....	Sefton Steamship Co.....	400.3	52.3	24.6	San Francisco.	Genoa.....	Wheat, general..	7,138	5,783	3,990	
Secret ⁶.....	.....	.....	28	10.00	28	.....	.....	.....	.....	F. A. Hunseker.....	.....	.....	.....	Balboa.....	Cristobal....	.....	.....	.....	.....	

⁶ Launch.⁷ Yacht.⁸ Wheat, flour, and general.⁹ Coffee, sugar, and general.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
May 22.....	Tamar.....	Royal Mail Steam Packet Co.....	London via wayports.	May 23.....	St. Mihiel ¹¹	United States Army.....	New York.
May 24.....	Tolosa.....	United Fruit Co.....	New York via wayports.	May 23.....	Sacramento ¹⁰	United States Navy.....	High seas.
May 26.....	Sacramento ¹⁰	United States Navy.....	High seas.	May 24.....	Linda S. ¹²	Surgeon Brothers.....	Bocas del Toro.
May 28.....	Solana.....	Pacific Mail Steamship Co.....	Tampico.	May 24.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
.....	.....	.....	.....	May 25.....	Tolosa.....	United Fruit Co.....	New York via wayports.

¹⁰ Gunboat.¹¹ Transport.¹² Motor schooner.

PORT OF BALBOA.

May 22.....	Cleveland ¹³	United States Navy.....	San Francisco.	.....	.....	.....	.....
May 22.....	Anyo Maru.....	Toyo Kisen Kaisha.....	Hongkong.	.....	.....	.....	.....

¹³ Cruiser.

*Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight June 4, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
San Joaquin...	28	14.22	29	6.10	29	14.12	30	10.01	Norwegian..	W. Wilhelmsen.....	425.0	57.0	26.6	Tuxpan.....	Antofagasta...	Crude oil.....	9,412	7,059	5,043
Urubamba.....	22	16.18	29	6.24	29	13.05	29	20.10	Peruvian....	Peruvian Steamship Line.....	381.2	41.0	18.8	Cristobal....	Callao.....	General.....	106	4,803	2,951
Floridian.....	28	15.40	29	7.00	29	14.54	29	15.55	American....	American-Hawaiian Line.....	415.0	54.0	21.0	New York....	Los Angeles...	General.....	3,000	7,245	5,152
Quillota.....	27	3.50	29	7.17	29	15.20	29	16.20	British.....	Pacific Steam Navigation Co....	361.4	46.2	18.4	New York....	Guayaquil....	General.....	260	4,768	2,956
Robin																			
Goodfellow..	28	5.59	29	8.53	29	16.02	30	11.12	American....	Robin Steamship Line.....	424.8	55.2	27.6	New York....	Seattle.....	General.....	10,075	7,473	5,624
Brush.....	29	12.25	29	13.00	29	19.39	29	20.30	American....	North Atl. & Western S. S. Co..	390.0	54.2	19.6	Philadelphia..	Seattle.....	General.....	2,700	6,161	4,433
S. C. 284.....			29	8.45	29	15.38			American....	United States Navy.....				Cristobal....	Balboa.....				
Oriana.....	28	19.04	30	6.08	30	12.27	30	14.45	British.....	Pacific Steam Navigation Co....	465.0	56.0	22.6	Liverpool....	Coronel.....	General.....	2,697	8,620	5,345
Pyro ¹	27	17.28	30	6.15	30	15.00	30	16.05	American....	United States Navy.....	483.0	61.0	26.6	Hampton Rds.	San Diego....	Naval stores...	3,828		
Alaska Maru..	30	5.54	30	7.05	30	14.45	30	15.45	Japanese....	Osaka Shosen Kaisha.....	420.0	56.1	18.0	New York....	Yokohama....	(s)	814	7,460	5,307
Balboa.....	26	15.00	30	11.12	30	18.27	31	13.00	American....	Colombian Maritime Co.....	190.0	29.1	11.0	Cristobal....	Guayaquil....	General.....	104	741	350
Charles H. Cramp	30	12.52	30	13.07	30	19.30	30	20.35	American....	Atl. Gulf & Pacific S. S. Co. (S. B.)	420.0	53.9	23.6	New York....	San Francisco.	General.....	4,900	6,755	4,750
Maricopa.....	30	17.00	31	6.17	31	14.30	31	15.55	Norwegian..	W. Wilhelmsen.....	430.0	57.0	27.0	Tampico.....	Tocopilla....	Crude oil.....	9,200	7,000	5,105
Dolphin ²	31	6.22	31	6.45	31	13.06			American....	United States Navy.....	256.0	33.0	17.0	Port Limon...	Balboa.....				
Kai Ora.....	31	12.20	31	6.55	31	14.55	31	15.59	British.....	Shaw, Saville & Albion Co.....	447.0	56.0	30.0	Montreal....	Auckland....	General, coal...	6,396	8,237	5,771
Munaires.....	6-1	1.55	6-1	6.35	6-1	13.25	6-1	19.05	American....	Munson Steamship Line.....	370.0	53.0	25.6	New York....	Tiburon.....	Coal.....	7,226	5,577	4,225
Keiyo Maru...	6-1	9.25	1	9.55	1	16.56	2	17.00	Japanese....	Toyo Kisen Kaisha.....	400.0	53.0	21.0	New York....	Yokohama....	General.....	4,002	6,163	4,376
Canadian																			
Voyager.....	6-1	6.25	1	11.52	1	19.46	1	21.12	British.....	Canadian Government.....	320.0	44.0	21.1	Sabine.....	Vancouver....	Sulphur.....	3,750	3,162	2,042
Conroy ³			1	6.00	1	8.26			American....	United States Army.....				Cristobal....	Gatun Lake...				
Breckenridge ³			1	6.00	1	8.26			American....	United States Army.....				Cristobal....	Gatun Lake...				
Huasco.....	29	17.24	2	6.10	2	13.19	2	14.55	Chilean....	South American Steamship line..	378.0	44.0	23.6	Cristobal....	Valparaiso...	General.....	393	4,552	3,182
Chiquimula ⁴	6-1	11.21	2	6.26	2	13.59	2	15.28	American....	Chiquimula Steamship Co.....	176.0	36.0	14.6	Baltimore....	La Union....	Steel.....	693	716	530
Taiho Maru...	31	13.45	2	7.18	2	15.01	2	16.10	Japanese....	Kokusai Kisen Kaisha.....	407.0	50.0	26.6	Galveston....	Kobe.....	General.....	7,000	6,199	4,524
West Cayote..	6-1	22.15	2	7.45	2	15.46	2	22.12	American....	Williams, Dimond & Co. (S. B.)	427.0	54.0	19.0	Liverpool....	San Francisco.	General.....	2,398	6,567	4,899
Hamburg Maru	6-2	8.00	2	8.50	2	17.35	2	20.10	Japanese....	Osaka Shosen Kaisha.....	400.0	54.0	19.7	Galveston....	Yokohama....	General.....	3,269	5,765	4,043
Transvaal.....	6-1	20.30	2	12.06	2	19.03	2	20.10	Danish.....	Dmpsk. Akties Orient.....	360.0	51.0	19.6	Copenhagen..	San Francisco.	General.....	3,850	4,853	3,476
Panama Maru..	6-2	18.01	3	6.25	3	14.00	3	16.25	Japanese....	Osaka Shosen Kaisha.....	400.0	51.8	22.8	Buenos Aires..	Kobe.....	General.....	2,380	6,099	4,289
Armagh.....	6-3	11.15	3	11.30	3	18.08	3	19.08	British.....	Union Shipping Co. of N. Z.....	530.5	63.5	30.8	New York....	Auckland....	General, case oil.	10,693	12,857	8,669
Wabble ³	6-3		3	8.30	3	13.15			American....	B. Rojas.....	28.4	7.7	3.0	Cristobal....	Gatun.....	Ballast.....		3	3
Clemence C.																			
Morse.....	6-4	6.35	4	7.20	4	15.27	4	16.40	American....	N. Atl. & Western S. S. Co. (S. B.)	402.0	53.0	23.6	Mobile.....	Los Angeles...	General.....	6,500		
Putnam ³			4	6.00	4	11.38			American....	United States Army.....				Cristobal....	Gamboa.....				

¹ Supply ship.² Gunboat.³ Launch.⁴ Motor schooner.⁵ Steel, machinery, and general.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Apus.....	29	8.30	29	9.35	29	16.31	30	1.05	American...	E. C. Evans & Sons (S. B.).....	401.4	52.3	25.6	Portland.....	Cork.....	General.....	7,275	7,082	5,167
Huasco.....	29	9.25	29	10.32	29	17.24	2	6.10	Chilean....	South American Steamship Co....	379.7	44.3	19.0	Valparaiso....	Cristobal....	General.....	300	4,552	3,182
Pennsylvania...	29	9.00	29	11.30	29	18.18	29	18.18	American...	United American Line.....	407.7	53.7	27.9	Honolulu.....	New Orleans...	Sugar.....	9,000	7,107	4,953
Santa Luisa....	29	19.15	30	8.06	30	14.23	30	15.25	American...	W. R. Grace & Co.....	360.2	51.6	21.9	Valparaiso....	New York....	General.....	2,232	5,694	3,975
Saint Jean.....	30	7.45	30	8.49	30	16.10	2	16.15	French.....	French Line.....	397.0	50.1	23.0	Talcahuano...	Bordeaux.....	General.....	4,000	5,849	4,081
Salvador.....	30	14.45	31	6.40	31	13.11	.....	.....	British.....	Pacific Steam Navigation Co....	215.0	33.0	16.8	Champerico...	Cristobal....	(6)	1,013	1,213	692
Acajutla.....	31	4.00	31	7.40	31	14.17	.....	.....	British.....	Pacific Steam Navigation Co....	215.7	33.5	15.0	Guayaquil....	Cristobal....	(7)	725	1,273	706
Calgarolite....	31	13.30	31	14.10	31	21.15	1	4.25	British.....	Imperial Oil Co.....	463.2	60.2	18.6	Vancouver....	Tampico.....	Ballast.....	.....	8,491	6,096
Huallaga.....	31	18.05	1	6.50	1	14.15	.....	.....	Peruvian...	Peruvian Steamship Line.....	360.0	44.7	19.0	Ilo.....	Cristobal....	General.....	1,164	4,514	2,386
Celebes Maru..	31	19.00	1	7.35	1	15.24	2	6.02	Japanese...	Osaka Shosen Kaisha.....	385.0	51.0	17.6	Calcutta.....	New Orleans..	General.....	558	6,014	4,406
General H. F. Hodges.....	6-2	5.00	2	7.48	2	15.19	.....	.....	American...	Panama Railroad Steamship Line	323.5	39.0	30.0	Guayaquil....	Cristobal....	General.....	2,821	3,013	1,574
Julia Luckenbach..	6-2	14.45	3	6.28	3	13.50	3	13.50	American...	Luckenbach Line.....	436.6	57.2	29.4	San Francisco.	New York....	Lumber, general.	8,762	8,543	6,427
Tainui.....	6-2	17.20	3	6.39	3	14.59	3	18.59	British.....	Shaw, Saville & Albion Co.....	477.8	61.0	25.0	Wellington...	London.....	(8)	3,937	10,630	7,606
Mahana.....	6-3	6.15	3	8.59	3	16.35	3	18.18	British.....	Shaw, Saville & Albion Co.....	500.9	63.3	24.2	Port Chalmers	London.....	(8)	4,365	12,151	8,627
Cauca.....	6-3	9.50	3	10.43	3	17.21	.....	.....	British.....	Pacific Steam Navigation Co....	246.0	35.2	15.0	Corinto.....	Cristobal....	Coffee, general..	851	1,582	1,023
Henry S. Grove	6-4	5.30	4	8.05	4	14.58	4	15.30	American...	Atl. Gulf & Pacific S. S. Co. (S. B.)	404.6	53.9	21.3	Tacoma.....	New York....	General.....	3,133	6,755	4,688
Benledi.....	6-4	7.00	4	8.31	4	16.22	4	20.13	British.....	Ben Line Steamship Co. Ltd....	379.0	46.0	23.2	Portland.....	Dublin.....	Wheat, flour....	5,320	4,158	3,035
Birmingham City.....	24	7.30	4	12.20	4	19.45	4	22.15	American...	United States Steel Products Co.	395.5	55.0	26.6	Seattle.....	Baltimore....	Lumber, general.	6,400	6,841	4,686

⁶ Coffee, sugar, and general.

⁷ Cocoa, coffee, hides, etc.

⁸ Cold storage and general.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
May 29.....	San Gil.....	United Fruit Co.....	Boston.	May 29.....	San Gil.....	United Fruit Co.....	Boston.
May 29.....	San Pablo.....	United Fruit Co.....	Boston.	May 29.....	San Pablo.....	United Fruit Co.....	Port Limon.
May 29.....	Anna.....	P. Johannessen.....	New York.	May 30.....	Abangarez.....	United Fruit Co.....	N. O. and wayports.
May 29.....	Harold Walker.....	Pan-American Petroleum Co.....	Tampico.	May 30.....	Cricket.....	Cricket Steamship Co.....	Puerto Colombia.
May 29.....	Abangarez.....	United Fruit Co.....	New Orleans.	May 30.....	Anna.....	P. Johannessen.....	Cartagena.
May 29.....	Caribbean.....	Panama Railroad Cattle Industry.	Cartagena.	May 30.....	Actor.....	Harrison Line.....	Tampico.
May 29.....	Actor.....	Harrison Line.....	Liverpool.	May 30.....	Metapan.....	United Fruit Co.....	N. O. and wayports.
May 30.....	Cricket.....	Cricket Steamship Co.....	La Romana.	May 31.....	Harold Walker.....	Pan-American Petroleum Co.....	Tampico.
May 30.....	Elm Leaf.....	Anglo-Saxon Petroleum Co.....	New Orleans.	June 1.....	Caribbean.....	Panama Railroad Cattle Industry.	Cartagena.
May 30.....	Metapan.....	United Fruit Co.....	New Orleans.	June 1.....	Parismina.....	United Fruit Co.....	New Orleans and way- ports.
May 31.....	Calamares.....	United Fruit Co.....	New York via wayports.				
May 31.....	Parismina.....	United Fruit Co.....	Habana.	June 1.....	Calamares.....	United Fruit Co.....	New York via wayports.

(Continued on page 680, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight June 11, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Duendes.....	4	5.55	5	9.15	5	15.47	5	16.55	British.....	Pacific Steam Navigation Co.....	390.0	50.0	21.2	London.....	Valparaiso....	General.....	2,838	6,014	4,494
Gurth.....	5	9.55	5	10.15	5	17.02	5	19.12	Norwegian..	Det. Selmerske Rederi T.....	366.0	49.8	21.0	Hamburg.....	Valparaiso....	General and coal	3,323	4,358	3,356
Cricket.....	5	21.26	6	6.15	6	12.52	6	18.25	American...	Cricket Steamship Co.....	210.0	41.0	14.6	Pto. Colombia	San Francisco.	Coffee.....	318	1,410	916
Canadian Rover	5	18.37	6	6.20	6	13.36	6	15.00	British.....	Canadian Government.....	251.0	43.0	22.8	Galveston....	Vancouver....	Sulphur.....	3,050	2,551	1,613
Agwimars.....	5	19.00	6	6.18	6	15.01	6	16.10	American...	Atlantic Gulf & Western S.S. Co.	429.0	59.3	26.2	Port Arthur...	Shanghai.....	Petroleum.....	9,337	7,851	5,552
Mineola.....	6	8.53	6	12.37	6	19.20	6	20.45	American...	W. R. Grace & Co.....	298.6	40.0	19.6	Baltimore....	Libitos.....	Oil well supplies	2,376	2,835	1,822
Somerset.....	6	19.03	7	6.31	7	14.01	7	15.10	British.....	Federal Steamship Co.....	460.0	62.0	22.0	Newport News	Auckland.....	Coal.....	2,673	9,943	7,530
Acajutla.....	5-31	14.57	7	9.32	7	15.34	7	16.25	British.....	Pacific Steam Navigation Co.....	215.7	33.7	14.1	Cristobal.....	Champerico...	General.....	642	1,273	706
Hullaga.....	1	14.15	7	10.10	7	16.46	7	19.38	Peruvian...	Peruvian Line.....	360.0	44.7	20.0	Cristobal.....	Ilo.....	General.....	780	4,514	2,386
Cuba.....	4	12.30	8	6.10	8	13.00	8	22.00	American...	Pacific Mail Steamship Co.....	307.0	42.0	22.0	Habana.....	San Francisco.	General.....	1,900	3,429	2,206
Bologna.....	4	14.14	8	6.20	8	13.00	8	14.40	Italian.....	La Veloce Line.....	384.0	46.8	20.0	Genoa.....	Valparaiso....	General.....	736	5,531	3,773
Tennessee ¹	6	6.35	8	8.00	8	17.55	8	19.00	American...	United States Navy.....	624.0	97.0	33.1	New York....	Los Angeles...	.....	.....	.....	.....
Eemdijk.....	7	18.19	8	10.41	8	18.46	8	19.50	Dutch.....	Holland-American Line.....	469.0	58.0	17.6	Rotterdam....	Los Angeles...	General.....	2,260	8,514	6,066
Cauca.....	3	17.21	8	11.18	8	19.21	8	20.35	British.....	Pacific Steam Navigation Co.....	246.0	35.0	14.6	Cristobal.....	Guayaquil....	General.....	327	1,582	1,023
Siam ²	8	14.05	9	6.15	9	13.33	9	21.20	Danish.....	East Asiatic Steamship Co.....	410.0	55.0	20.0	Antwerp.....	Guayaquil....	General.....	3,500	7,068	5,303
Lompoc.....	8	22.25	9	6.50	9	14.32	9	15.45	British.....	C. T. Bowring & Co.....	435.0	55.9	27.3	Tampico.....	Taltal.....	Fuel oil.....	8,500	7,496	5,311
Lepanto.....	8	21.24	9	7.40	9	15.16	9	16.28	British.....	Ellerman Wilson.....	410.0	53.0	22.6	New York....	Lyttleton....	General.....	4,500	6,395	4,760
Trontolite.....	9	2.05	9	8.20	9	15.16	11	6.35	British.....	Standard Oil Co.....	419.0	57.2	25.0	Montreal....	Vancouver....	Crude petroleum	9,000	7,345	5,429
Santa Elisa.....	9	13.15	9	14.00	10	11.53	10	21.05	American...	W. R. Grace & Co.....	360.3	51.0	23.1	New York....	Valparaiso....	General.....	2,875	5,957	4,325
Silverado.....	5-25	20.45	10	6.05	10	12.27	11	12.33	American...	General Steamship Corp. (S. B.)	245.6	42.0	13.0	Cristobal.....	Callao.....	Ballast.....	.....	2,460	1,714
West Caddo....	9	9.27	10	6.10	10	13.28	10	14.35	American...	Pacific Mail Steamship Co. (S. B.)	410.0	54.0	21.7	Baltimore....	San Francisco.	Gen., navy sup..	5,000	6,617	4,925
Keystone State.	8	13.04	10	6.13	10	15.05	10	16.15	American...	Admiral Line, P. S. S. Co. (S. B.)	518.0	72.0	25.0	Philadelphia..	Seattle.....	Ballast.....	.....	15,286	10,498
Gen. H. F. Hodges.....	2	15.19	10	9.04	10	15.43	10	16.50	American...	Panama Railroad Steamship Line	323.5	39.0	14.0	Cristobal.....	Guayaquil....	Ballast.....	.....	3,013	1,574
Laura C. Hall ³	5-22	15.10	10	9.45	10	17.39	11	12.02	British.....	Pacific Metals Corporation.....	81.0	25.6	9.0	Cristobal.....	Buenaventura.	Ballast.....	.....	130	69
Alaskan.....	10	10.03	10	10.33	10	17.29	11	10.25	American...	American-Hawaiian Line.....	470.1	57.2	21.0	New York....	Los Angeles...	General.....	3,600	9,250	6,901
Toyohashi Maru.....	10	10.50	11	6.10	11	13.51	11	15.00	Japanese...	Nippon Yusen Kabushiki Kaisha.	445.0	53.0	24.11	New York....	Yokohama....	General.....	7,817	7,666	5,529
Neches ⁴	10	7.54	11	6.10	11	12.45	.....	.....	American...	United States Navy.....	477.0	55.0	26.0	Fall River....	Balboa.....	Fuel oil.....	.....	.....	.....
Honolulu.....	10	17.40	11	6.45	11	16.15	12	1.27	American...	Moore & McCormick.....	399.0	51.0	26.8	Norfolk.....	San Diego....	Navy coal.....	7,192	.....	.....
West Togus....	11	23.17	11	7.00	11	14.40	11	15.50	American...	N. Atl. & Western S. S. Co. (S. B.)	409.8	54.2	17.8	Boston.....	Seattle.....	General.....	1,625	6,589	4,838
D. G. Schofield.	11	6.25	11	8.43	11	15.35	11	15.59	American...	Standard Oil Co.....	439.5	58.0	25.8	Tampico.....	San Francisco.	Naphtha.....	10,000	8,912	6,254
Lewis Luckenbach.....	11	7.09	11	9.25	11	17.22	11	21.50	American...	Luckenbach Line.....	496.0	68.2	21.0	Philadelphia..	San Francisco.	General.....	4,714	11,487	8,732
Bolton Castle..	11	9.40	11	10.45	11	17.52	11	21.30	British.....	James Chambers & Co.....	424.2	53.0	25.0	New York....	Yokohama....	General.....	6,000	6,489	4,869

¹ Battleship.² Motor ship.³ Motor schooner.⁴ Tanker.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

A. F. Coats ^s ...	5-26	18.00	6	9.05	6	18.01	8	8.45	American...	D. M. Scott.....	172.3	37.9	10.6	Pisagua.....	Mobile.....	Ballast.....	662	556
Victoria.....	6	12.10	6	12.56	6	19.45	7	12.10	British.....	Pacific Steam Navigation Co....	401.4	52.3	22.6	Valparaiso....	Liverpool....	General.....	3,166	6,887
Terrier.....	7	5.00	7	8.11	7	15.50	7	18.13	Norwegian..	W. Wilhelmsen.....	400.0	52.0	24.5	Taltal.....	New Orleans..	Nitrate.....	8,000	5,631
Jamaica.....	7	8.30	7	10.01	7	17.00	11	17.37	British.....	Pacific Steam Navigation Co....	220.0	34.0	10.9	Tumaco.....	Cristobal....	General.....	83	1,187
Liebre.....	7	10.35	7	11.04	7	17.54	7	22.05	American...	General Petroleum Co.....	435.0	56.2	19.0	Iquique.....	Tampico.....	Ballast.....	7,567	5,089
Albionstar....	7	16.00	8	6.43	8	14.43	8	15.33	British.....	Blue Star Line.....	450.0	58.6	20.0	Auckland.....	Newport News	Frozen beef....	4,051	8,317
Argyll.....	8	8.30	8	9.07	8	15.45	8	17.06	French.....	French Line.....	320.2	40.7	18.6	Guayaquil....	Tampico.....	Ballast.....	3,141	2,096
Santa Olivia...	8	18.00	9	6.33	9	13.20	9	13.20	American...	W. R. Grace & Co.....	404.6	53.9	16.0	Callao.....	New York....	Ballast.....	6,779	4,921
Artigas.....	8	16.00	9	7.38	9	14.35	9	14.35	American...	N. Atl. & Western S. S. Co. (S. B.)	390.0	54.2	24.2	San Francisco.	Boston.....	General.....	3,270	6,161
Texan.....	8	22.30	9	8.03	9	15.57	9	15.57	American...	American-Hawaiian Line.....	471.0	57.2	24.6	Seattle.....	Boston.....	Lumber, general.	7,300	9,154
Argosy.....	9	11.35	9	12.27	9	20.10	10	11.45	American...	Wessel-Duval & Co. (S. B.).....	390.0	54.2	24.2	Iquique.....	Wilmington...	Nitrate.....	7,226	6,161
Aysen.....	10	1.30	10	7.53	10	14.38	.....	.....	Chilean.....	South American Steamship Co..	379.6	44.3	19.0	Valparaiso....	Cristobal....	General.....	230	4,535
Peru.....	9	21.35	10	11.11	10	17.31	.....	.....	British.....	Pacific Steam Navigation Co....	350.0	43.1	17.0	Valparaiso....	Cristobal....	General.....	8	4,095
Ensley City....	8	16.30	10	12.59	10	20.28	10	20.28	American...	Isthmian Steamship Co.....	395.4	55.0	28.0	San Francisco.	Hull, England.	(⁶)	7,76	7,285
Santa Paula....	11	2.30	11	7.40	11	15.40	11	21.55	American...	W. R. Grace & Co.....	420.0	53.9	28.0	Talcahuano...	Charleston....	Nitrate of soda..	8,83	6,744

^s Sailer.

⁶ Barley, flour, and general.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
June 5.....	Atenas.....	United Fruit Co.....	New Orleans via wayports.	June 5.....	Puerto Rico.....	French Line.....	Puerto Colombia.
June 6.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.	June 5.....	Atenas.....	United Fruit Co.....	Bocas del Toro.
June 6.....	Cartago.....	United Fruit Co.....	New Orleans.	June 5.....	Tamar.....	Royal Mail Steam Packet Co.....	Cartagena.
June 7.....	Pastores.....	United Fruit Co.....	New York via wayports.	June 6.....	Colon.....	Panama Railroad Steamship Line..	New York.
June 8.....	San Blas.....	United Fruit Co.....	Boston via wayports.	June 8.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
June 8.....	Atenas.....	United Fruit Co.....	Bocas del Toro.	June 8.....	Atenas.....	United Fruit Co.....	New Orleans.
June 10.....	Martinique.....	French Line.....	Havre.	June 8.....	Pastores.....	United Fruit Co.....	New York via Port Limon and Habana.
June 11.....	Coronado.....	Elders & Fyffes, Ltd.....	Port Limon.	June 9.....	Sacramento ⁷	United States Navy.....	Galveston.
.....	.....	.....	.....	June 9.....	Allianca.....	Panama Railroad Steamship Line..	New York via Haiti.
.....	.....	.....	.....	June 9.....	San Blas.....	United Fruit Co.....	Port Limon.
.....	.....	.....	.....	June 9.....	Cartago.....	United Fruit Co.....	New Orleans via Bocas del Toro.
.....	.....	.....	.....	June 11.....	Coronado.....	Elders & Fyffes, Ltd.....	Kingston.

⁷ Gunboat.

*Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight June 18, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Silver State....	12	12.38	12	13.35	12	19.34	13	14.25	American...	Pacific Steamship Co. (S. B.)....	517.0	72.2	24.6	New York....	Hongkong....	General.....	485	15,296	10,387
R-24 and R-26 ¹	.....	.....	12	8.15	12	15.12	.....	.....	American...	United States Navy.....	.....	.....	.....	Cristobal....	Balboa.....	.....	.....	.....	.....
Breckenridge ²..	.....	.....	12	.....	12	10.46	.....	.....	American...	United States Army.....	.....	.....	.....	Cristobal....	Gatun.....	.....	.....	.....	.....
Canadian Ob-server.....	13	4.30	13	6.45	13	14.05	13	15.25	British.....	Canadian Government.....	251.0	43.0	17.6	Montreal....	Vancouver....	General.....	536	2,554	1,611
Santa Barbara..	13	14.14	14	6.11	14	13.08	14	14.40	American...	W. R. Grace & Co.....	404.0	54.0	24.8	New York....	W. coast port.	Steel.....	4,500	6,789	4,746
Caddo.....	13	17.35	14	6.23	14	14.54	14	19.58	American...	Standard Oil Co.....	414.0	55.0	29.0	Tampico.....	Pisagua.....	Crude oil.....	8,862	6,437	4,298
Washington....	14	8.35	15	6.30	15	13.32	17	14.10	Mexican...	Mexican Navigation Co.....	251.0	39.0	17.2	Pensacola....	Salina Cruz...	Coal.....	2,000	1,890	1,204
Steel Worker...	15	2.10	15	7.12	15	14.28	15	18.51	American...	Isthmian Steamship Line.....	424.0	56.0	26.0	New York....	San Diego....	Steel and general	8,929	7,539	5,495
Aysen.....	10	14.38	15	10.10	15	16.57	15	18.03	Chilean....	South American Steamship Line.	379.0	44.0	21.8	Cristobal....	Valparaiso....	General.....	528	4,535	3,068
George Wash-ington ³	15	12.50	15	13.10	16	9.32	16	11.06	Norwegian..	Fred Olsen.....	425.0	55.0	23.0	Antwerp.....	San Francisco.	General.....	6,006	7,505	5,627
Dryden.....	16	6.25	16	7.35	16	14.48	17	21.30	American...	Barber Line (S. B.).....	434.0	57.0	23.3	New York....	Shanghai....	General.....	6,145	7,983	5,882
Ucayali.....	12	15.20	16	10.10	16	16.41	16	18.00	Peruvian...	Peruvian Steamship Line.....	374.0	46.0	17.1	Cristobal....	Callao.....	General.....	310	4,466	2,405
S. C. 287 ⁴.....	.....	.....	16	7.15	16	14.32	.....	.....	American...	United States Navy.....	.....	.....	.....	Cristobal....	Balboa.....	.....	.....	.....	.....
Montana.....	15	17.09	17	6.09	17	13.46	17	14.48	French.....	French Line.....	390.0	49.0	19.0	Havre.....	Talcahuano...	General.....	385	6,327	4,369
Peru.....	10	17.31	17	6.12	17	12.32	17	15.15	British.....	Pacific Steam Navigation Co....	350.0	43.0	18.3	Cristobal....	Valparaiso....	General.....	265	4,095	2,655
Mundelta.....	17	1.25	17	6.57	17	14.46	17	20.00	American...	Munson Steamship Co.....	370.0	53.0	24.9	Norfolk.....	Tiburon.....	Coal.....	7,115	5,668	4,297
Sherman.....	17	6.35	17	7.40	17	15.38	17	16.46	American...	Sherman Steamship Co.....	400.0	45.0	24.6	New York....	Valparaiso....	General, coal...	4,340	5,037	3,492
O-12 and O-14 ¹	.....	.....	17	7.40	17	14.40	18	18.58	American...	United States Navy.....	.....	.....	.....	Cristobal....	Balboa.....	.....	.....	.....	.....
Willpolo.....	17	15.50	18	6.00	18	14.55	18	15.40	American...	Williams Steamship Co.....	386.8	52.2	20.0	New York....	Tacoma.....	General.....	3,494	5,680	4,112
Salvador.....	5-31	13.11	18	6.00	18	13.12	18	16.32	British.....	Pacific Steam Navigation Co....	215.0	33.0	13.7	Cristobal....	Champerico...	General.....	508	1,213	692
Houston ⁵	15	8.55	18	6.07	18	13.20	18	17.54	American...	United States Navy.....	392.0	51.0	23.9	Hampton Rds.	San Diego....	Navy stores...	3,510	.....	.....
Lake Fithian...	18	5.00	18	6.40	18	15.35	18	19.52	American...	N. O. and S. A. Line (S. B.)...	253.4	43.8	24.2	New Orleans..	Talcahuano...	General.....	3,670	2,915	1,907
West Katan....	18	5.00	18	7.10	18	14.47	19	13.45	American...	Williams Dimond & Co. (S. B.)..	427.0	54.0	18.6	Antwerp.....	San Francisco.	General, steel...	2,923	6,573	4,901
Orestes.....	17	5.55	18	12.11	18	19.15	19	7.50	Dutch.....	Royal Netherlands W. I. Mail...	347.0	48.0	15.0	Amsterdam...	Guayaquil....	General.....	1,000	.....	.....

¹ Submarines.² Launch.³ Motor ship.⁴ Towing launch No. 4.⁵ Supply ship.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Ucayali.....	12	4.45	12	8.24	12	15.20	16	10.10	Peruvian...	Peruvian Steamship Co.....	374.7	46.3	19.1	Callao.....	Cristobal....	General.....	1,461	4,465	2,405
Maple Branch..	12	7.00	12	8.32	12	16.21	12	21.10	British.....	F. & W. Ritson.....	400.0	52.0	24.6	Talcahuano...	Liverpool....	General.....	7,058	5,618	4,116
Cootie ².....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Johnson.....	.....	.....	.....	Balboa.....	Cristobal....	.....	.....	.....	.....
Essequibo.....	13	4.00	13	8.15	13	15.10	13	20.39	British.....	Royal Mail Steam Packet Co...	449.0	57.8	23.0	Valparaiso....	New York....	General.....	2,031	9,037	6,089
Port Hacking..	13	11.50	13	13.14	13	21.00	13	22.46	British.....	Commonwealth and Dom. Line..	440.0	55.1	19.6	Welson.....	London.....	General.....	3,331	7,885	5,847
Jeseric.....	13	19.05	14	6.33	14	15.17	15	18.34	British.....	Andrew Weir.....	370.0	52.1	26.0	Caleta Colosa.	New York....	Nitrate.....	7,450	5,915	4,467
Murla.....	13	22.30	14	7.47	14	16.10	14	19.33	German....	Roland Line.....	267.9	42.1	17.5	Corral.....	Hamburg.....	(⁶).....	2,650	2,188	1,361
Kina.....	14	5.30	14	8.51	14	17.10	14	19.40	Danish.....	Orient Steamship Co.....	373.9	51.8	27.0	Portland.....	Bremen.....	Wheat.....	8,249	6,080	4,618

⁶ Copper, zinc ore, and general.

Albertolite.....	14	6.00	14	14.27	14	21.10	14	23.15	British.....	Imperial Oil Co.....	463.2	60.2	21.0	Vancouver....	Tampico.....	Ballast.....	8,491	6,096
Neches ⁷	11	12.45	15	6.23	15	12.58	15	15.12	American....	United States Government.....	477.0	55.0	.....	Balboa.....	Norfolk.....	Ballast.....	.....	.....
Barima.....	14	17.30	15	6.53	15	14.27	.....	.....	British.....	Pacific Steam Navigation Co....	220.0	37.0	13.0	Champerico...	Cristobal.....	General.....	765	1,651
Nitro ⁵	13	10.15	15	8.21	15	15.40	15	17.30	American....	United States Government.....	492.0	60.1	19.6	Puget Sound..	New York....	Naval supplies..	565	8,426
Colin H. Livingstone.....	15	6.00	15	8.55	15	16.40	15	16.40	American....	N. A. & West. S. S. Co. (S. B.)..	400.6	53.0	24.0	Seattle.....	New York....	Lumber, general.	6,812	6,586
Durban Maru.....	15	8.30	15	10.02	15	17.46	15	17.46	Japanese....	Nippon Yusen Kaisha.....	420.0	56.0	18.3	Osaka, Japan..	New York....	General.....	4,929	7,445
Manavi.....	14	17.30	15	11.16	15	18.55	.....	.....	British.....	Pacific Steam Navigation Co....	216.0	35.1	13.0	Guayaquil....	Cristobal.....	General.....	439	1,357
Lake Floris.....	15	14.50	16	6.26	16	13.27	16	14.04	American....	N. O. and S. A. S. S. Co. (S. B.)..	251.0	43.6	24.4	Iquique.....	Jacksonville..	Nitrate.....	3,585	2,857
Quillota.....	15	23.30	16	7.45	16	14.55	17	17.38	British.....	Pacific Steam Navigation Co....	361.4	46.2	20.0	Guayaquil....	New York....	General.....	1,473	4,768
Rotarian.....	14	17.00	16	8.30	16	16.00	16	16.00	American....	Swayne & Hoyt (S. B.).....	380.3	53.1	24.6	San Francisco.	Buenos Aires..	General.....	5,683	5,660
Reiyo Maru.....	15	13.30	16	9.06	16	17.10	16	17.10	Japanese....	Toyo Kisen Kaisha.....	400.0	53.0	21.6	Iquique.....	Wilmington...	Nitrate.....	3,500	6,310
Bantu.....	16	11.10	16	11.45	16	19.36	16	22.56	American....	Isthmian Steamship Co.....	360.0	47.0	23.6	Vancouver....	Boston.....	Lumber, general.	5,000	4,604
Port Pirie.....	16	12.35	16	13.45	16	20.50	17	12.30	British.....	Cunard Line.....	470.1	58.4	21.9	New Plymouth	London.....	(⁸)	3,709	9,381
Remuera.....	16	13.15	17	6.32	17	14.05	17	16.25	British.....	New Zealand Shipping Co.....	485.0	62.3	25.6	Wellington...	London.....	(⁹)	4,258	11,600
Ceres.....	16	14.45	17	7.25	17	15.30	18	17.19	Dutch.....	Royal Netherlands Steamship Co.	340.0	48.0	18.0	Talcahuano...	Amsterdam...	Grain.....	3,320	4,243
Santa Tecla.....	17	1.00	17	17.47	17	15.00	17	15.20	American....	W. R. Grace & Co.....	298.6	40.0	15.0	Callao.....	Cartagena....	General.....	720	2,835
Balboa.....	17	9.35	17	12.47	17	19.35	20	8.10	American....	Colombian Maritime Co.....	190.0	29.1	14.3	Guayaquil....	Cristobal.....	(¹⁰)	576	741
Venezuela.....	17	4.03	18	6.31	18	13.17	19	13.00	American....	Pacific Mail Steamship Co.....	380.0	48.7	22.1	San Francisco.	Baltimore....	General.....	2,490	.....
Formosa.....	17	7.00	18	6.47	18	15.00	18	15.20	Swedish....	Swedish East Asiatic Co.....	420.0	54.0	30.0	Portland.....	Naples.....	Wheat.....	10,025	.....
Acardo.....	17	18.15	18	7.55	18	16.25	18	22.10	British.....	Anglo-Saxon Petroleum Co.....	412.0	53.0	24.6	San Francisco.	United King..	Lubricating oil..	7,248	6,241
Sedgpool.....	17	17.45	18	8.11	18	16.38	18	20.43	British.....	R. Ropner & Co.....	415.0	55.5	25.6	Portland.....	Cork, Ireland.	Wheat.....	8,477	.....
Willsolo.....	18	6.00	18	8.20	18	17.45	18	23.30	American....	Williams Steamship Co. (S. B.)..	434.3	57.0	28.0	Seattle.....	New York....	Lumber, general.	7,000	7,983
Jason.....	18	1.00	18	14.54	18	22.40	.....	.....	Dutch.....	Royal Netherlands Steamship Co.	346.5	48.5	19.0	Valparaiso...	Amsterdam...	General.....	3,740	4,321

⁷ Collier.⁸ Cold storage and general.⁹ Frozen, dairy products, and general.¹⁰ Hides, cocoa, coffee, nuts, and hats.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
June 13.....	Middlebury.....	United States Shipping Board.....	Kingston.	June 13.....	Hannibal.....	United States Navy.....	High seas.
June 13.....	Gen. W. C. Gorgas.....	Panama Railroad Steamship Line..	New York via Haiti.	June 13.....	Martinique.....	French Line.....	Puerto Colombia.
June 13.....	Manuel Calvo.....	Spanish Line.....	Barcelona via wayports.	June 14.....	Middlebury.....	United States Shipping Board.....	Cartagena.
June 14.....	Abangarez.....	United Fruit Co.....	New Orleans.	June 15.....	Ulua.....	United Fruit Co.....	New York via wayports.
June 14.....	Ulua.....	United Fruit Co.....	New York via Habana.	June 16.....	Sixaola.....	United Fruit Co.....	New York via Kingston.
June 15.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.	June 16.....	Santa Marta.....	United Fruit Co.....	New York, via Colombia and Kingston.
June 15.....	Oranje Nassau.....	Royal Netherlands W. I. Mail.....	Antwerp.	June 16.....	Abangarez.....	United Fruit Co.....	New Orleans and Bocas del Toro.
June 15.....	Santa Marta.....	United Fruit Co.....	New York via Kingston.	June 17.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
June 15.....	Sixaola.....	United Fruit Co.....	Colombian ports.	June 17.....	Manuel Calvo.....	Spanish Line.....	Puerto Colombia.
June 16.....	Satoe.....	Curacao Petroleum Co.....	Curacao.	June 17.....	Oranje Nassau.....	Royal Netherlands W. I. Mail.....	Puerto Colombia.
June 18.....	San Bruno.....	United Fruit Co.....	Boston via wayports.	June 18.....	San Bruno.....	United Fruit Co.....	Boston.
June 18.....	Hellas.....	Bruusgaard Kiosterud.....	Puerto Colombia.				
June 18.....	Cantigny ¹¹	United States Army.....	New York via San Juan.				
June 18.....	Cristobal.....	Panama Railroad Steamship Line..	Norfolk.				

¹¹ Transport.

PORT OF BALBOA.

June 15.....	Iquitos.....	Peruvian Line.....	Callao.	June 18.....	Iquitos.....	Peruvian Line.....	Vancouver.
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*Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight June 25, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Paparoa.....	18	21.10	19	6.10	19	13.10	19	14.15	British.....	New Zealand Shipping Co.....	430.0	54.0	24.0	London.....	Auckland.....	General.....	2,746	8,174	6,092
Mexican.....	19	4.45	19	7.23	19	14.09	19	15.20	American...	American Hawaiian Line.....	472.0	57.0	19.0	New York....	Los Angeles...	General.....	1,995	9,258	6,912
West Hepburn..	14	20.45	19	8.08	19	16.10	19	20.55	American...	U. S. and A. Lines (S. B.).....	410.0	54.0	24.1	New York....	Auckland.....	General.....	7,351	6,693	4,915
Ruahine.....	19	21.09	20	7.05	20	14.44	20	16.00	British.....	New Zealand Shipping Co.....	480.0	60.0	25.0	London.....	Auckland.....	General.....	1,672	11,197	8,322
City of Canton.	20	7.30	20	7.45	20	14.53	20	18.20	British.....	Hall Steamship Line.....	451.0	57.0	28.6	New York....	Shanghai.....	General.....	9,120	8,127	6,134
Balboa.....	17	19.35	20	8.10	20	15.20	20	16.15	American...	Colombian Maritime Co.....	190.0	29.0	10.1	Cristobal....	Buenaventura.	Ballast.....	741	350	
Astmahco III ¹ .	20	10.35	20	10.55	20	17.09	20	20.55	American...	Astoria Mahogany Co.....	250.0	43.0	16.9	Baltimore....	Punta Arenas.	Coal and coke...	1,745	2,425	1,635
Quilpue.....	19	3.00	21	6.12	21	13.39	21	17.20	British.....	Pacific Steam Navigation Co....	361.0	46.0	19.5	New York....	Chile.....	General.....	882	4,742	3,023
Jamaica.....	17	21.30	21	6.20	21	13.29	21	17.30	British.....	Pacific Steam Navigation Co....	220.0	34.0	14.5	Pto. Colombia.	Tumaco.....	General.....	620	1,187	622
K.R. Kingsbury	20	21.33	21	6.30	21	11.09	21	15.00	American...	Standard Oil Co.....	440.0	58.0	27.0	Tampico.....	San Francisco.	Oil.....	10,000	9,033	5,938
Manavi.....	15	18.55	21	10.50	21	17.04	21	18.24	British.....	Pacific Steam Navigation Co....	216.0	35.0	12.0	Cristobal....	Guayaquil....	General.....	92	1,357	884
Eastern Cloud..	21	12.05	21	13.15	21	20.19	22	7.43	American...	Barber Line (S. B.).....	385.0	51.0	26.7	New York....	Darien.....	Oil.....	7,320	6,242	4,471
Robin Adair...	21	13.08	21	13.37	21	22.40	23	8.06	American...	Robin Steamship Line.....	425.0	55.0	27.3	New York....	Seattle.....	Steel and general	9,086	7,470	5,618
Mesopotamia....	21	23.50	22	6.40	22	13.48	22	15.30	British.....	Westminster Shipping Co.....	380.0	50.0	20.0	New York....	Yokohama....	General.....	3,910	4,846	3,502
Schodack.....	21	16.57	22	7.50	22	14.29	22	15.15	American...	Barber Line (S. B.).....	390.0	54.0	25.6	New York....	Shanghai.....	Petroleum.....	6,460	6,106	4,401
Elm Leaf.....	22	7.05	22	8.10	22	15.05			British.....	Anglo-Saxon Petroleum Co.....	418.0	55.0	25.0	New Orleans..	Balboa.....	Fuel oil.....	7,183	6,841	4,299
Yalza.....	22	3.10	22	10.12	22	17.52	22	19.05	American...	N. Atl. & West. S. S. Co. (S. B.)	401.0	55.0	15.6	Boston.....	Los Angeles...	General.....	1,000	6,529	4,737
Wm. G. Warden	22	18.25	23	6.35	23	14.54	23	16.10	American...	Standard Oil Co.....	500.0	68.0	28.0	Mata Redondo	Ioco, B. I....	Oil.....	12,857	10,503	8,409
Belridge.....	23	6.17	23	6.55	23	15.05	23	19.52	Norwegian..	W. Wilhelmsen.....	425.0	57.0	26.6	Tampico.....	Tocopilla....	Petroleum.....	9,250	7,065	5,095
Anniston City..	23	6.51	23	8.05	23	15.40	23	16.25	American...	U. S. Steel Products Co.....	424.0	56.0	27.2	Mobile.....	Seattle.....	Steel and general	7,969	7,539	5,448
Andrea F. Luckenbach..	22	17.09	23	8.45	23	16.48	23	17.55	American...	Luckenbach Line.....	496.0	68.0	18.1	Philadelphia..	San Francisco.	General.....	4,000	11,487	8,732
Stanley Dollar	23	2.15	23	10.30	23	17.31	23	18.35	American...	Dollar Line.....	289.0	44.0	27.6	Baltimore....	San Francisco.	Steel and general	3,180	3,460	2,404
Laura C. Hall ² .	23	14.13	24	6.15	24	14.21	26	8.54	British.....	Pacific Metals Corporation.....	81.0	25.0	9.6	Cristobal....	Buenaventura.	General.....	30	130	69
Gen. Graham ³ .			24	8.25	24	14.20			American...	United States Army.....				Cristobal....	Balboa.....				
Balboa ¹	24	18.06	25	6.17	25	12.46	25	19.15	Swedish....	Johnson Line.....	440.0	56.0	19.8	Gottenburg...	Callao.....	General.....	2,901	7,480	5,533
Argyll.....	24	22.45	25	6.50	25	15.24	25	16.45	French.....	Compagnie du Boleo.....	320.0	41.0	24.6	Tampico.....	Santa Rosalia.	Crude oil.....	3,141	2,096	

¹ Motor ship.² Motor schooner.³ Mine planter.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

O-12 ⁴	17	14.48	19	7.40	19	13.05			American...	United States Navy.....	175.0	16.4		High seas.....	Cristobal.....				
O-14 ⁴	17	14.48	19	7.40	19	13.05			American...	United States Navy.....	175.0	16.4		High seas.....	Cristobal.....				
Piako.....	19	10.00	19	12.03	19	18.35	19	18.35	British.....	New Zealand Shipping Co.....	462.0	58.2	24.6	Lyttleton....	England.....	General, frozen...	4,760	8,459	6,060
Chepadoa.....	19	20.00	20	6.51	20	14.24	20	15.10	American...	U. S. and A. Lines (S. B.).....	402.4	53.1	21.0	Sydney.....	New York....	(⁵)	5,344	6,577	4,944
Cedar Branch..	20	6.00	20	7.38	20	15.50	21	6.15	British.....	F. & W. Ritson.....	390.5	51.0	21.0	Valparaiso....	Liverpool....	(⁶)	4,946	4,911	3,642
Selandia.....	20	0.01	20	14.32	20	22.06	20	22.06	Danish.....	East Asiatic Co.....	370.4	53.2	22.6	Valparaiso....	Copenhagen...	General.....	6,340	5,441	4,090
San Juan.....	20	13.00	21	6.29	21	14.15			American...	Pacific Mail Steamship Co.....	283.0	37.0	17.0	San Francisco.	Cristobal.....	(⁷)	1,575	2,379	1,593

⁴ Submarine.⁵ General, and chrome ore.⁶ Sugar, cotton, cotton seed, oil cake, barley, oats, metals, etc.⁷ Coffee, hides, and hardwood.

Santa Teresa...	21	12.15	21	8.05	21	14.40	21	17.30	American...	W. R. Grace & Co.....	360.2	51.6	24.0	Iquique.....	New York....	General.....	4,250	5,726	4,086
Targis.....	21	2.00	21	8.39	21	17.00	21	18.44	German....	Holland Line.....	267.0	42.0	17.2	Valparaiso....	Hamburg....	General.....	2,660	2,174	1,320
Eelbeck.....	11	6.00	21	11.21	21	19.50	22	6 10	American...	Sudden & Christenson (S. B.)...	401.7	54.8	26.1	Portland.....	Leghorn.....	Wheat.....	7,351	6,928	5,103
O-15 ⁴	19	17.50	21	13.47	21	19.55	.....	.....	American...	United States Navy.....	184.0	18.0	.....	Guayaquil....	Cristobal....	.....	.....	.....	.....
O-11 ⁴	21	17.15	22	6.11	22	14.00	.....	.....	American...	United States Navy.....	184.0	18.0	.....	Balboa.....	Cristobal....	.....	.....	.....	.....
O-13 ⁴	21	21.12	22	6.17	22	13.50	.....	.....	American...	United States Navy.....	184.0	18.0	.....	Balboa.....	Cristobal....	.....	.....	.....	.....
Lehigh.....	21	18.20	22	7.43	22	14.46	22	14.46	American...	N. A. & Western S. S. Co. (S. B.)	390.0	54.3	21.6	Seattle.....	Philadelphia..	General.....	3,180	6,105	4,346
Mantaro.....	22	5.00	22	8.07	22	15.45	.....	.....	Peruvian...	Peruvian Steamship Line.....	367.3	46.0	17.0	Callao.....	Cristobal....	(¹¹)	1,043	4,838	2,959
Point Adams...	22	5.27	22	8.46	22	16.30	24	16.50	American...	Pacific Mail Steamship Co.....	289.0	44.1	19.4	San Francisco.	Baltimore....	(¹²)	2,969	2,899	2,678
O-16 ⁴	19	17.12	22	12.25	22	18.10	.....	.....	American...	United States Navy.....	184.0	18.0	.....	Balboa.....	Cristobal....	.....	.....	.....	.....
Laura C. Hall...	22	15.00	23	6.22	23	14.03	24	6.15	British....	Pacific Metals Corporation.....	81.0	25.6	10.0	Buenaventura.	Cristobal....	Coffee.....	30	130	69
Steel Voyager..	22	16.30	23	8.25	23	15.00	23	15.00	American...	U. S. Steel Products Co.....	395.5	55.0	23.0	Seattle.....	Baltimore....	Lumber, general.	6,215	7,285	5,255
San Joaquin....	23	14.15	23	14.56	23	21.37	23	22.45	Norwegian..	W. Wilhelmsen.....	425.4	57.1	20.0	Antofagasta...	Tampico.....	Ballast.....	.....	7,059	5,043
Mariechen ⁸ ...	23	14.45	24	6.39	24	17.00	24	17.00	Finnish....	A. Mattsin.....	288.9	44.2	23.3	Tocopilla....	Falmouth ¹⁰ ..	Nitrate.....	3,611	2,432	2,256
Elm Leaf.....	22	15.05	24	6.51	24	14.12	24	15.23	British....	Anglo-Saxon Petroleum Co.....	418.5	55.0	.....	Balboa.....	Curacao.....	Ballast.....	.....	4,299	3,407
Palena.....	24	1.30	24	7.35	24	15.05	.....	.....	Chilean....	Chilean Steamship Line.....	350.0	42.1	20.6	Talcahuano...	Cristobal....	General.....	105	3,666	2,577
Sciota ⁹	23	16.55	24	8.29	24	15.05	.....	.....	American...	United States Navy.....	149.4	30.0	.....	Balboa.....	Cristobal....	.....	.....	.....	.....
S. C. 287.....	19	18.30	24	8.30	24	14.58	.....	.....	American...	United States Navy.....	110.0	16.0	.....	Balboa.....	Cristobal....	(¹³)	327	1,582	1,023
Cauca.....	24	8.25	24	11.15	24	17.20	.....	.....	British....	Pacific Steam Navigation Co....	246.0	35.2	13.7	Guayaquil....	Cristobal....	.....	.....	.....	.....
Mineola.....	25	5.00	25	7.35	25	14.10	25	20.45	American...	W. R. Grace & Co.....	298.6	40.0	12.6	Talara.....	New York....	Ballast.....	.....	2,835	1,822
Royalstar.....	25	7.40	25	9.43	25	16.38	25	21.00	British....	Blue Star Line.....	450.0	58.5	23.6	Lyttleton....	London.....	Frozen meat...	4,397	8,561	5,815
Fionia.....	24	21.20	25	11.22	25	18.00	25	20.10	Danish....	East Asiatic Co.....	395.0	53.0	24.0	San Francisco.	Copenhagen...	General.....	3,923	5,744	4,016

⁸Sailer.⁹Tug.¹⁰For orders.¹¹Copper, cotton, cocoa, and skins.¹²Coffee, beans, and general.¹³Cocoa, coffee, hides, and general.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date	Vessel.	Line.	For—
June 19.....	San Juan ⁹	N. O.-Bluefields Fruit Transp. Co..	Bluefields.	June 19.....	Hellas.....	Bruusgaard Kiusterud Line.....	Kingston.
June 19.....	Metapan.....	United Fruit Co.....	New Orleans.	June 19.....	Gen. W. C. Gorgas...	Panama Railroad Steamship Line..	New York and Haiti.
June 20.....	Nevisian.....	Leyland Line.....	Liverpool.	June 20.....	Metapan.....	United Fruit Co.....	New Orleans and Bocas del Toro.
June 20.....	Ceres.....	Royal Netherlands W. I. Mail....	High seas.	June 21.....	Nevisian.....	Leyland Line.....	New Orleans.
June 21.....	Toloea.....	United Fruit Co.....	New York.	June 22.....	Cristobal.....	Panama Railroad Steamship Line..	Norfolk.
June 21.....	Heredia.....	United Fruit Co.....	New Orleans.	June 22.....	Cantigny.....	United States Army.....	New York.
June 21.....	Camden.....	United Fruit Co.....	Tampico.	June 22.....	Heredia.....	United Fruit Co.....	New Orleans and way-ports.
June 22.....	San Gil.....	United Fruit Co.....	Boston.	June 22.....	Toloea.....	United Fruit Co.....	New York and wayports.
June 25.....	Camito.....	Elders & Fyffes, Ltd.....	Port Limon.	June 23.....	San Gil.....	United Fruit Co.....	Boston and Port Limon.
June 25.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.	June 23.....	Ceres.....	Royal Netherlands W. I. Mail....	Havre.
June 25.....	Colon.....	Panama Railroad Steamship Line..	New York.	June 25.....	Camito.....	Elders & Fyffes, Ltd.....	Kingston.

PORT OF BALBOA.

June 19.....	Denver.....	United States Navy.....	Puntarenas.	June 21.....	Hayo Maru.....	Toyo Kisen Kaisha.....	Valparaiso.
June 20.....	Hayo Maru.....	Toyo Kisen Kaisha.....	Hongkong.	.....	.....	.....	.....

*Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight July 2, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Wm. Notting-ham ¹	25	4.30	26	6.25	26	14.08	26	22.00	Norwegian..	A. S. Porsgrunds	216.0	42.0	11.0	Buenos Aires..	Port Townsend	Ballast		1,274	1,120
Bolivar	26	7.09	26	8.20	26	15.10	27	20.04	Mexican....	Mexican Navigation Co.	261.0	39.0	17.0	Pensacola....	Salina Cruz...	Coal	1,785	1,876	1,190
Aden Maru	26	9.05	26	9.40	26	17.35	27	4.00	Japanese...	Kokasui Kisen Kaisha	385.0	51.0	18.3	New York....	Yokohama....	General	1,000	5,914	4,400
Tancred	26	11.20	26	12.00	26	19.25	26	20.45	Norwegian..	W. Wilhelmsen	334.0	48.0	15.0	Newport News	San Francisco.	Ballast		3,899	2,853
San Juan	21	14.15	27	5.57	27	13.18	27	18.00	American...	Pacific Mail Steamship Co.	283.0	37.0	18.3	Cristobal....	San Francisco.	General	1,675	2,379	1,593
Gen. O. H. Ernst	24	7.15	27	6.05	27	12.57	27	14.05	American...	Panama Railroad Steamship Line	356.0	45.0	21.0	New York....	Guayaquil....	General	1,063	4,503	2,764
Mantaro	22	15.15	27	6.17	27	14.35	27	22.34	Peruvian...	Peruvian Steamship Line	360.0	45.0	18.8	Cristobal....	Ilo.....	General	384	4,838	2,959
Kennecott ²	26	21.14	27	6.45	27	15.14	27	16.30	American...	Alaska Steamship Co.	342.0	46.0	19.0	Baltimore....	Los Angeles...	General	3,100	4,582	3,371
Cape Henry	26	22.40	27	10.55	27	18.11	27	19.25	American...	Atlantic Gulf & Pac. Co. (S. B.)	376.0	52.0	21.6	Baltimore....	San Diego....	General	3,106	5,146	3,557
Hatipara	28	6.30	28	8.23	28	16.37	29	22.35	British.....	British Steam Navigation Co.	445.0	58.0	28.6	New Orleans..	Auckland....	Sulphur, general	8,261	8,341	6,010
Kinderdijk	28	6.00	28	9.23	28	17.03	28	18.10	Dutch.....	Holland-American Line	470.0	58.0	16.4	Rotterdam....	San Francisco.	General	506	8,515	6,068
Ottar	27	20.54	28	10.00	28	17.34	28	19.32	Norwegian..	Jorgen C. Knudsen	262.0	37.0	12.6	New York....	Guayaquil....	General	14	1,815	1,222
Santa Luisa	28	17.31	29	6.15	29	13.06	29	17.08	American...	W. R. Grace & Co.	360.0	51.0	18.6	New York....	Talcahuano...	General	1,733	5,694	3,975
William Taylor ³	28	7.22	29	6.25	29	14.37	29	20.10	American...	Apex Navigation Co.	209.0	42.0	21.1	Norfolk.....	Honolulu....	Coal for Navy...	1,915	1,421	1,218
Montgomery City	29	6.45	29	7.15	29	15.00	29	16.30	American...	United States Steel Products Co.	442.0	56.0	26.1	New Orleans..	Yokohama....	Steel and cotton	7,429	7,539	5,448
Palena	24	15.05	29	10.13	29	16.51	29	18.15	Chilean....	South American Steamship Line	350.0	42.0	23.6	Cristobal....	Valparaiso....	General	399	3,666	2,577
Beaver ⁴	23	10.51	30	6.50	30	13.23	5	13.15	American...	United States Navy	380.0	47.0		Portsmouth...	Pearl Harbor..				
S-16 ⁵	23	10.06	30	6.10	30	14.29	5	10.11	American...	United States Navy	231.0	20.0		Portsmouth...	Pearl Harbor..				
S-17 ⁵	23	11.02	30	6.26	30	14.33	5	10.11	American...	United States Navy	231.0	20.0		Portsmouth...	Pearl Harbor..				
S-15 ⁵	23	10.25	30	6.32	30	14.19	5	10.11	American...	United States Navy	231.0	20.0		Portsmouth...	Pearl Harbor..				
S-14 ⁵	23	11.00	30	6.36	30	14.24	5	10.11	American...	United States Navy	231.0	20.0		Portsmouth...	Pearl Harbor..				
S-9 ⁵	23	11.10	30	6.55	30	14.33	5	10.11	American...	United States Navy	231.0	20.0		Portsmouth...	Pearl Harbor..				
Cauca	24	17.20	30	7.05	30	15.02	30	19.55	British.....	Pacific Steam Navigation Co.	246.0	35.0	14.6	Cristobal....	Guayaquil....	General	312	1,582	1,023
Rio Grande	29	16.40	30	7.00	30	15.41	30	16.40	Norwegian..	Det. Nordenfjelske S. S. Co.	360.0	52.0	20.0	Hamburg....	Talcahuano...	General	1,256	5,137	3,767
Ohioan	29	18.30	30	7.49	30	15.57	30	16.49	American...	American-Hawaiian Line	408.0	54.0	21.0	New York....	San Francisco.	General	2,310	7,106	5,066
Lorain	30	11.42	30	12.07	30	18.50			American...	Green Star Line (S. B.)	396.0	55.0	26.6	Port Arthur...	Yokohama....	General and oil.	7,735	7,288	5,226
Orcus	30	12.51	30	13.07	30	19.50	1	3.05	American...	Wessel Duval & Co. (S. B.)	380.0	53.0	23.8	New York....	Talcahuano...	General and oil.	3,950	5,667	4,220
West Isleta	1	9.26	1	9.45	1	16.12	1	17.15	American...	N. A. & Western S. S. Co. (S.B.)	409.0	54.0	18.0	Philadelphia..	Los Angeles...	General	1,096	6,759	4,900
North American Benjamin	1	10.45	1	11.30	1	17.40	2	2.35	American...	North American Steamship Line	251.0	43.0	17.9	New York....	Callao.....	General	2,094	2,444	1,571
Brewster	1	12.12	1	12.30	1	19.58	3	15.34	American...	Standard Oil Co.	411.0	53.0	27.0	Tampico.....	Pisagua.....	Crude petroleum	7,350	6,360	4,337
Chile ²	1	13.13	1	13.30	1	20.40	1	22.29	Danish.....	East Asiatic Co.	425.0	55.0	15.0	Copenhagen...	San Francisco.	Ballast		7,382	5,663
Australien	1	11.05	2	6.08	2	12.49	2	14.00	Danish.....	Danish East Asiatic Co.	398.0	54.0	20.3	Copenhagen...	San Francisco.	General	4,090	7,027	5,338
Speaker	1	17.25	2	6.20	2	13.17	3	13.50	British.....	T. and J. Harrison	370.0	50.0	16.6	London.....	San Francisco.	Ballast			

¹ Sailing ship.² Motor ship.³ Schooner.⁴ Subtender.⁵ Submarine.

Celebes Maru.	1	16.04	2	6.37	2	15.15	2	16.39	Japanese...	Osaka Shosen Kaisha.....	385.0	51.0	23.6	New Orleans..	Calcutta.....	Cotton, general..	3,877	6,014	4,406
Koyo Maru....	2	5.45	2	7.04	2	15.22	3	7.30	Japanese....	Toyo Kisen Kaisha.....	400.0	53.0	22.0	New York....	Yokohama....	General.....	4,787	6,233	4,398
Orowaiti.....	2	8.40	2	9.15	2	16.11	2	19.19	British.....	Union Steamship Co.....	405.0	53.0	28.1	Port Lobos....	San Francisco..	Oil.....	8,000		
Acajutla.....	28	16.00	2	9.55	2	16.44	2	17.45	British.....	Pacific Steam Navigation Co....	215.0	33.0	14.6	Cristobal....	Champerico...	General.....		1,273	706

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Benalder.....	26	5.30	26	8.40	26	16.01	26	18.50	British.....	Ben Line, Ltd.	400.0	51.8	25.6	Portland.....	Dublin.....	Wheat.....	7,248	5,419	3,990
Alkmaar.....	26	13.15	26	14.45	26	21.48	27	1.45	Dutch.....	Royal Netherlands W. I. Mail...	440.2	62.5	30.0	Portland.....	Falmouth.....	Wheat.....	10,090	9,505	6,807
Balboa.....	26	14.40	27	6.30	27	13.17			American...	Colombian Maritime Co.....	190.0	29.1	11.2	Buenaventura..	Cristobal.....	Coffee.....	359	741	350
Ionic.....	27	2.45	27	8.27	27	15.08	28	7.00	British.....	White Star Line.....	500.3	63.3	24.0	Auckland.....	London.....	General.....	4,000	12,872	9,577
Matatua.....	27	15.45	28	6.31	28	13.26	28	13.57	British.....	Shaw, Saville & Albion Co.....	448.0	56.5	22.6	Lyttleton.....	London.....	(¹⁰)	3,322	8,229	5,693
Acajutla.....	28	9.00	28	9.40	28	16.00	2	9.55	British.....	Pacific Steam Navigation Co....	215.7	33.5	16.0	Champerico...	Cristobal.....	General.....	729	1,273	706
Canada.....	28	5.00	28	12.21	28	19.37	29	17.52	Swedish....	Johnson Line.....	440.0	56.0	27.0	Tacoma.....	Gothenburg...	General.....	7,931	7,476	5,456
West Catanace	28	11.45	28	12.32	28	20.42	29	12.30	American...	Wilder Steel Steamship Co....	410.5	54.1	24.0	Puget Sound..	New York....	Lumber.....	4,740	6,567	4,917
Gen. H. F. Hodges	29	5.00	29	9.29	29	16.20	2	13.58	American...	Panama Railroad Steamship Line	323.5	39.0	18.0	Guayaquil....	New York....	General.....	1,521	3,013	1,574
Borgland.....	28	4.00	30	6.32	30	14.40	30	14.40	Norwegian..	Peter Olsen.....	362.0	51.5	25.0	Salvador.....	Bergen.....	(¹¹)	6,017	5,274	3,886
Cutty Sark ⁶ ...	29	13.36	30	6.33	30	13.24	1	13.54	British.....	Maj. Henry Keswick.....	263.0	25.6	9.0	Yokohama....	United King..			897	320
Guardian ⁷ ...	29	15.00	30	6.36	30	15.05	3	6.15	American...	All-America Cables Co.....	278.4	36.0	18.6	Callao.....	Cristobal.....			897	320
William H. Webb	30	0.10	30	7.30	30	16.36	30	22.50	American...	Barber Line (S. B.).....	400.7	54.2	24.0	Manila.....	New York....	General.....	6,403	6,528	4,735
Santa Malta...	30	3.50	30	7.54	30	16.33	30	17.45	American...	Atlantic & Pacific Steamship Co.	404.6	53.9	28.0	Antofagasta...	Charleston...	Nitrate of soda..	8,206	6,766	4,809
Harold Dollar..	30	9.33	30	10.11	30	17.17	30	18.47	British.....	Canadian Dollar Line.....	376.5	52.2	23.0	Shanghai.....	New York....	(¹²)	5,807	5,224	3,934
Newport.....	30	14.20	1	6.38	1	14.30			American...	Pacific Mail Steamship Co....	326.0	38.2	18.0	San Francisco.	Cristobal.....	General.....	1,370	3,173	2,163
Estrella de Coto ⁸	1	6.00	1	6.48	1	16.10	1	16.10	Panaman...	Panaman Government.....				Panama.....	Colon.....				
Republica ⁸ ...	1	6.00	1	6.48	1	16.10	1	16.10	Panaman...	Panaman Government.....				Panama.....	Colon.....				
Ceylon.....	30	21.00	1	7.48	1	16.30	1	18.22	Swedish....	East Asiatic Co.....	417.2	54.9	24.0	Portland.....	Queenstown..	General.....	7,820	5,514	3,938
Gen. W. H. Graham ⁹	24	14.20	1	9.43	1	16.00			American...	United States Government.....	156.0	32.0		Balboa.....	Cristobal.....				
Eastern Prince.	1	3.00	1	13.34	1	21.07	1	22.40	British.....	Prince Line, Ltd.....	469.4	58.5	26.3	Portland.....	London.....	Wheat, flour...	9,241	8,413	5,971
Noorderdyk...	1	18.45	2	7.45	2	15.05	2	17.17	Dutch.....	Holland-American Line.....	470.0	58.0	28.0	Vancouver....	Rotterdam...	General.....	10,600	8,818	6,611
Acme.....	2	1.30	2	8.08	2	16.30	3	16.10	American...	Standard Transportation Co....	435.0	56.0	22.0	Manila.....	New York....	Coconut oil....	6,010	7,405	5,166
Guatemala....	29	4.45	2	12.53	2	20.00			British.....	Pacific Steam Navigation Co....	359.3	43.3	16.6	Valparaiso...	Cristobal.....	General.....	533	4,210	2,744

⁶ Yacht.⁷ Cable ship.⁸ Launch.⁹ Mine planter.¹⁰ Cold storage and wool.¹¹ Barley, coffee, flour, etc.¹² Sugar, hemp, and copra.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
June 26.....	Atenas.....	United Fruit Co..	New Orleans.	June 26.....	Atenas.....	United Fruit Co..	Bocas del Toro.
June 26.....	Frednes.....	Jorgen C. Knudsen.	Puerto Colombia.	June 28.....	Red Wing ¹³ ...	United States Army.	United States ports.
June 26.....	Haiti.....	French Line.....	Saint Nazaire.	June 28.....	Stuyvesant.....	Royal Netherlands W. I. Mail	Port Limon.
June 26.....	Red Wing ¹³ ...	United States Army.	Norfolk.	June 28.....	Frednes.....	Jorgen C. Knudsen	Kingston.
June 27.....	Cartago.....	United Fruit Co..	New Orleans.	June 29.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.

¹³ U. S. Tug.

(Continued on page 744, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight July 9, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Guardian ¹	30	15.05	3	6.15	3	13.17	.....	.....	American...	All-America Cables, Inc.	278.0	36.0	18.6	Cristobal.....	Balboa.....	Cable, etc.....	.....	1,860	950
Bessie Dollar...	2	16.54	3	6.37	3	13.51	3	15.34	British.....	Canadian Robert Dollar Line...	369.0	50.0	.....	New York....	Vancouver....	Cotton, general..	4,149	5,245	3,991
Steel Ranger...	2	20.39	3	7.00	3	14.59	3	16.04	American...	United States Steel Products Co.	424.0	56.0	26.6	New York....	Honolulu....	Steel and general	8,300	7,539	5,448
Garfield.....	2	20.34	3	9.20	3	15.39	3	16.25	American...	W. R. Grace & Co.	299.0	45.0	18.4	New York....	Salaverry....	Pipe, steel, gen..	2,138	3,228	2,010
Hawkeye State.	3	11.34	3	13.30	3	19.53	4	2.10	American...	Matson Navigation Co. (S. B.)..	517.0	72.0	27.9	Baltimore....	Honolulu....	General.....	878	15,234	10,471
Eldorado.....	3	21.29	4	6.10	4	13.00	4	18.48	American...	Western Transport Co.	245.0	42.0	19.6	New Orleans..	Los Angeles..	General.....	2,500	2,439	1,662
Durham.....	4	16.05	5	6.22	5	13.25	5	14.45	British.....	Federal Steam Navigation Co...	420.0	54.0	22.0	Montreal....	Auckland....	General.....	4,495	7,138	5,296
Eastern Mer- chant.....	4	19.55	5	6.35	5	14.17	5	15.50	American...	Pacific Mail Steamship Co. (S.B.)	445.0	58.0	22.0	New York....	San Francisco.	General.....	3,300	8,617	6,297
Altai Maru....	5	6.32	5	6.55	5	15.12	5	17.40	Japanese...	Osaka Shosen Kaisha.....	425.0	56.0	23.0	New York....	Yokohama....	General.....	2,856	7,903	5,635
Liberty Land..	5	14.40	6	6.16	6	14.29	.....	.....	American...	Italian Star Line.....	390.0	54.0	26.0	Norfolk.....	San Francisco.	Coal for Navy...	7,038	6,155	4,411
Panama.....	3	10.10	6	10.04	6	16.03	.....	.....	American...	Panama Railroad Steamship Line	360.0	50.0	22.3	New York....	Balboa.....	General.....	950	6,025	4,400
Ansaldo IV....	5	21.25	6	13.20	6	20.53	7	17.05	Italian.....	Societa Nazionale di Nav.....	393.0	51.0	21.0	Genoa.....	Valparaiso....	General.....	700	5,473	3,600
S. C. 285.....	.....	.....	6	7.07	6	15.50	.....	.....	American...	United States Navy.....	.....	.....	.....	Cristobal.....	Pedro Miguel.	.....	.....	.....	.....
Newport.....	1	14.30	7	6.10	7	12.55	7	16.50	American...	Pacific Mail Steamship Co.....	326.0	38.0	17.7	Cristobal.....	San Francisco.	General.....	1,329	3,173	2,163
Laurel Branch..	6	11.40	7	6.21	7	13.31	7	15.00	British.....	F. & W. Ritson.....	360.0	46.0	16.11	Glasgow.....	Coronel.....	General.....	2,800	4,182	3,034
Barima.....	6-5	14.27	7	10.15	7	16.10	7	20.09	British.....	Pacific Steam Navigation Co....	220.0	37.0	10.8	Cristobal.....	Tumaco.....	Ballast.....	.....	1,651	918
Hancock Coun- ty.....	7	6.17	7	11.35	7	18.24	7	21.05	American...	N. O. and S. A. Line (S. B.)....	251.0	43.0	19.4	New Orleans..	Talcahuano...	General.....	1,593	2,866	1,832
Tuscan Prince..	7	13.21	7	13.33	7	20.22	7	22.00	British.....	Prince Line, Ltd.....	420.0	54.0	23.6	Philadelphia..	Honolulu....	General.....	3,494	6,947	5,029
Pakeha.....	7	9.40	8	6.05	8	13.10	8	14.18	British.....	Shaw, Saville & Albion Co., Ltd.	477.0	53.0	23.7	New York....	Wellington...	General.....	830	10,995	8,173
Guatemala.....	2	20.00	8	8.20	8	15.07	8	16.15	British.....	Pacific Steam Navigation Co....	359.0	43.0	18.3	Cristobal.....	Valparaiso....	General.....	.....	4,210	2,744
Laura C. Hall..	8	14.45	9	5.55	9	14.25	11	7.53	British.....	Pacific Metals Corporation.....	81.0	25.0	9.0	Cristobal.....	Buenaventura.	General.....	4	.....	.....
Sir Thomas J. Lipton.....	8	12.30	9	6.21	9	15.30	9	18.30	American...	Apex Navigation Co.....	209.0	41.0	21.6	Norfolk.....	Honolulu....	Coal.....	1,891	.....	.....
Essequibo.....	8	12.40	9	6.36	9	13.15	9	14.24	British.....	Royal Mail Steam Packet Co...	450.0	57.0	23.3	New York....	Valparaiso....	General.....	991	9,037	6,089
Pennsylvanian..	9	6.59	9	7.59	9	14.26	9	15.30	American...	American-Hawaiian Line.....	408.0	54.0	21.0	New York....	Los Angeles..	General.....	2,600	7,107	4,953
Libia ²	9	9.16	9	10.05	9	17.05	.....	.....	Italian.....	Italian Government.....	345.0	47.0	17.0	New Orleans..	Callao.....	.....	.....	.....	.....
Toyooka Maru..	9	6.58	9	10.10	9	18.00	9	19.30	Japanese...	Nippon Yusen Kaisha.....	445.0	58.0	25.1	New York....	Kobe.....	Steel, cotton, gen	6,944	7,747	5,556

¹ Cable ship.² Cruiser.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Edgemoor ³	1	12.05	4	6.45	4	14.17	5	14.00	American...	United States Army (S. B.)....	409.6	54.2	26.6	San Francisco.	New York....	(4)	608	7,486	5,827
Cleveland ²....	.....	.....	4	6.34	4	13.12	4	13.12	American...	United States Government.....	208.0	44.0	16.0	Balboa.....	Cristobal.....	.....	.....	.....	.....
Natal.....	3	16.20	4	7.38	4	15.00	4	16.55	Danish.....	Orient Steamship Co.....	360.0	49.7	24.5	Portland.....	Birkenhead...	Wheat.....	6,302	4,670	3,303
Bellbuckle.....	3	20.00	4	7.44	4	15.44	4	20.25	American...	U. S. & Australian Line (S. B.)..	395.5	55.0	26.6	Taltal.....	New York....	Nitrate.....	8,827	7,285	5,25

³ United States Army transport.⁴ Quartermaster supplies, powder, etc.

Minnequa.....	3	23.00	4	8.10	4	16.53	4	20.50	American...	Wessel Duval & Co. (S. B.).....	390.0	54.2	25.6	Caleta Colosa.	New Orleans..	Nitrate.....	7,450	6,106	4,355
Jamaica.....	4	12.30	4	13.12	4	19.55	6	18.27	British.....	Pacific Steam Navigation Co....	220.0	34.0	13.6	Buenaventura.	Cristobal.....	General.....	705	1,187	622
Neptune ⁵	3	14.40	5	6.32	5	13.50	5	17.42	American...	United States Navy.....	520.0	65.0	21.0	San Diego....	Norfolk.....	(⁶)	2,000	11,075	6,425
Ansaldo San Giorgio II....	4	7.25	5	7.24	5	14.31	7	13.30	Italian.....	Societa Nazionale di Nav.....	391.7	51.5	18.0	Valparaiso....	Genoa.....	General.....	1,379	5,545	3,530
Urubamba.....	4	22.10	5	8.06	5	15.20	11	6.00	Peruvian...	Peruvian Steamship Line.....	381.2	46.1	21.6	Callao.....	Cristobal.....	(⁷)	2,081	4,803	2,951
Spectator.....	5	7.00	5	8.34	5	16.10	5	20.20	British.....	T. & J. Harrison.....	384.7	50.0	22.0	Los Angeles...	London.....	General.....	5,537	5,128	3,697
Chiquimula....	5	1.00	5	9.52	5	17.20	8	6.05	American...	Chiquimula Shipping Co.....	176.3	36.1	10.0	La Union.....	Baltimore....	Ballast.....	.....	716	530
Iowan.....	5	9.00	5	10.30	5	17.35	5	17.35	American...	American-Hawaiian Line.....	408.0	53.0	23.0	San Pedro....	New York....	General.....	4,000	7,091	5,054
Willfaro.....	5	9.15	5	10.43	5	18.45	5	22.30	American...	Williams Steamship Co.....	386.8	52.2	27.0	Portland.....	Charleston...	Lumber, general.	7,200	5,680	4,162
Steel Age.....	5	11.55	5	12.32	5	20.30	6	6.30	American...	United States Steel Products Co.	595.5	55.0	27.0	San Francisco.	Liverpool....	(⁸)	8,205	7,285	5,256
Swiftscout....	4	11.55	6	6.45	6	14.50	.....	.....	American...	Swiftsure Oil Transp. Co.....	464.6	60.2	23.6	Portland.....	Charleston...	Wheat.....	9,973	8,473	5,988
West Hika.....	6	9.55	6	10.38	6	18.50	7	1.20	American...	N. A. & West. S. S. Co. (S. B.)..	410.0	54.4	24.0	Manila.....	New York....	Sugar, earth....	6,866	6,476	4,682
Mulpua.....	6	5.20	7	6.29	7	18.10	7	21.57	American...	Barber Line (S. B.).....	402.6	53.0	24.0	Manila.....	New York....	(⁹)	6,561	6,542	4,859
Astmahco III..	6	15.45	7	6.52	7	14.08	7	21.20	American...	Astmahco Navigation Co.....	250.5	43.5	13.6	Puntarenas...	Bluefields Bluff	.....	.....	2,425	1,635
Liberator.....	6	23.40	7	7.43	7	15.10	7	15.10	American...	Atlantic Gulf Co. (S. B.).....	410.0	56.0	27.0	Portland.....	New York....	General.....	8,500	8,199	6,250
Santa Rosa....	7	2.20	7	7.59	7	17.16	7	21.25	American...	Grace Line.....	404.6	53.9	28.0	Puntarenas...	New York....	(¹⁰)	8,786	6,744	4,804
Shropshire....	7	4.00	7	9.02	7	17.30	7	22.19	British.....	Birt-Potter-Hughes.....	526.4	61.4	26.0	Sydney.....	Southampton..	(¹¹)	6,559	12,368	9,011
S. C. 285.....	.....	.....	7	7.56	8	17.47	.....	.....	American...	United States Government.....	110.0	16.0	.....	Pedro Miguel.	Gatun Lake....	.....	.....	.....	.....
Laura C. Hall..	7	12.45	8	6.14	8	14.45	9	5.55	British.....	Pacific Metals Corporation.....	81.0	25.6	9.0	Buenaventura.	Cristobal.....	Coffee.....	6	132	72
Manavi.....	7	16.10	8	6.26	8	13.38	.....	.....	British.....	Pacific Steam Navigation Co....	216.0	35.1	14.0	Guayaquil....	Cristobal.....	General.....	582	1,357	884
Santa Rosalia..	8	2.20	8	15.08	8	22.45	9	12.23	American...	United States Steel Products Co.	406.0	52.6	20.0	Aberdeen.....	New York....	General.....	4,500	5,865	4,530
Oriana.....	8	16.50	9	6.34	9	13.55	9	17.15	British.....	Pacific Steam Navigation Co....	465.7	56.2	26.6	Coronel.....	Liverpool....	General.....	3,898	8,620	5,345
Mahia.....	9	5.00	9	7.52	9	14.55	9	14.55	British.....	Shaw, Savill & Albion Co.....	477.6	63.1	24.6	Dunedin.....	London.....	(¹¹)	10,000	11,026	7,912
Dolphin.....	5-31	13.06	9	8.15	9	14.30	.....	.....	American...	United States Government.....	256.0	33.0	17.0	Balboa.....	Cristobal.....	.....	.....	.....	.....
Panama.....	9	10.10	9	11.30	9	18.55	9	20.30	Danish.....	East Asiatic Co.....	410.0	55.2	29.0	San Francisco.	Copenhagen...	General.....	9,909	7,027	5,341

⁵ Collier. ⁶ General and pig iron. ⁷ Copper, cotton, cacao, coffee, hides, etc. ⁸ Barley, wheat, flour, and canned goods. ⁹ Hemp, cocoa, and sugar. ¹⁰ Copper, ore, and nitrate. ¹¹ Cold storage and general.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
July 3.....	Capel Hall.....	United Fruit Co.....	New Orleans.	July 3.....	Capel Hall.....	United Fruit Co.....	New Orleans.
July 4.....	Abangarez.....	United Fruit Co.....	New Orleans.	July 5.....	La Navarre.....	French Line.....	Puerto Colombia.
July 5.....	San Blas.....	United Fruit Co.....	Boston.	July 6.....	Pastores.....	United Fruit Co.....	New York via wayports.
July 5.....	Pastores.....	United Fruit Co.....	New York via wayports.	July 7.....	Abangarez.....	United Fruit Co.....	New Orleans via Bocas del Toro.
July 5.....	Teal ¹²	United States Government.....	Norfolk.	.....	.....	.....	.....
July 6.....	Advance.....	Panama Railroad Steamship Line..	New York.	July 7.....	San Blas.....	United Fruit Co.....	Boston and Port Limon.
July 6.....	U. S. S. Hannibal....	United States Navy.....	Grand Cayman.	July 9.....	Teal ¹²	United States Government.....	United States port.
July 6.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.	July 9.....	Bayano.....	Elders and Fyffes, Ltd.....	Kingston.
July 8.....	Cristobal.....	Panama Railroad Steamship Line..	Norfolk.	.....	.....	.....	.....
July 9.....	Allianca.....	Panama Railroad Steamship Line..	New York.	.....	.....	.....	.....
July 9.....	Bayano.....	Elders & Fyffes, Ltd.....	Port Limon.	.....	.....	.....	.....

¹² United States tug.

PORT OF BALBOA.

July 5.....	Lompoc.....	C. T. Bowring.....	Taltal.	July 6.....	Lompoc.....	C. T. Bowring.....	Los Angeles.
July 9.....	Jeptha.....	General Steamship Corp. (S. B.)...	Valparaiso.	July 9.....	Jeptha.....	General Steamship Corp. (S. B.)...	San Francisco.

*Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight July 16, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Balboa.....	6-27	13.17	10	8.10	10	15.10	10	16.05	American...	Colombian Maritime Co.....	190.0	29.0	11.2	Cristobal....	Buenaventura.	Ballast.....		741	350
West Nomen- tum.....	9	21.00	10	11.55	10	18.22	10	19.10	American...	Sudden & Christensen.....	410.0	54.0	17.1	Liverpool....	Los Angeles...	General.....	483	6,583	4,914
Pleiades.....	10	12.30	10	13.46	10	21.00	10	22.35	American...	Luckenbach Line.....	331.0	47.0	19.3	New Orleans..	San Francisco.	General.....	2,358	4,147	3,259
Urubamba.....	5	15.20	11	6.00	11	12.54	11	14.00	Peruvian...	Peruvian Steamship Co.....	381.0	41.0	19.8	Cristobal....	Callao.....	General.....	296	4,803	2,951
Eastern Planet.	12	5.45	12	6.29	12	14.02	12	20.50	American...	U. S. & Australian Line.....	384.0	51.0	26.6	New York....	Lyttleton....	Oil, and general	5,085	6,235	4,480
Somersetshire..	10	7.48	12	6.38	12	14.40	12	15.40	British.....	Libby Brothers.....	450.0	57.0	17.0	London.....	Vancouver....	General.....	181	8,669	5,978
Author.....	12	2.50	12	7.45	12	14.52	12	15.40	British.....	Harrison Line.....	423.0	53.0	19.0	Liverpool....	San Francisco.	General.....	2,500	6,382	4,614
Canadian Spin- ner.....	12	6.36	12	8.21	12	16.44	12	18.18	British.....	Canadian Government.....	400.0	52.0	25.0	New York....	Brisbane.....	General.....	6,000	5,871	4,094
Manavi.....	8	13.38	13	6.05	13	13.07	13	14.18	British.....	Pacific Steam Navigation Co....	216.0	35.0	11.7	Cristobal....	Guayaquil....	General.....	62	1,357	884
Western Knight	12	1.20	13	6.20	13	15.50			American...	Pacific Steamship Co. (S. B.)...	426.0	54.0	25.0	Norfolk.....	Pearl Harbor..	Coal for Navy...	6,755	6,546	4,557
City of Lincoln.	12	18.07	13	6.48	13	16.50	13	18.25	British.....	Hall Steamship Line.....	422.0	53.0	23.6	New York....	Auckland.....	General.....	4,025	7,026	5,323
San Blas.....			13	6.55	14	11.30	14	13.40	Panaman...	Panaman Government.....	110.0	21.0		Colon.....	Balboa.....				
Almirante ¹			13	6.55	14	11.30	14	13.40	Panaman...	Panaman Government.....				Colon.....	Balboa.....				
Jules Michelet ²	12	6.48	13	6.40	13	14.37	17	11.55	French.....	French Government.....	485.0	70.0	28.0	Porto Barrios	Callao.....				
Katrina Luck- enbach.....	7	15.22	13	6.50	13	16.02			American...	Luckenbach Line.....	485.0	70.0	23.8	New York....	San Francisco.	General.....	5,000	8,508	6,179
Adventuress ³ ...	13	16.15	14	6.25	14	15.10	16	18.45	American...	G. L. Seaburg.....	60.0	14.0	9.0	New York....	Tahiti.....			16	23
Dolphin ⁴	9	14.30	14	7.55	14	14.15			American...	United States Navy.....	256.0	33.0	17.0	Cristobal....	Balboa.....				
Denmark Maru	14	9.07	14	9.42	14	15.57	14	17.05	Japanese...	Kawasaki Kisen Kaisha.....	385.0	51.0	18.6	Galveston....	Yokohama....	General.....	1,700	5,926	4,398
Jamaica.....	12	5.35	15	9.37	15	16.49	15	21.15	British.....	Pacific Steam Navigation Co....	220.0	34.0	14.2	Pto. Colombia	Tumaco.....	General.....	682	1,187	622
Henry S. Grove	15	8.57	15	10.45	15	19.05	15	22.47	American...	Atl. Gulf & Pacific S. S. Corp...	404.0	54.0	26.6	Mobile.....	San Diego....	General.....	6,000	6,755	4,688
Empire State...	14	23.45	15	12.07	15	19.43	16	14.25	American...	Pacific Mail Steamship Co. (S. B.)	516.0	72.0	24.1	Baltimore....	San Francisco.	General.....	30	15,286	10,493
Arizona ⁵	16	6.29	16	6.50	16	17.52	18	11.28	American...	United States Navy.....	608.0	97.0	29.6	New York....	Callao.....				
Oklahoma ⁵	16	6.37	16	6.55	16	18.06	18	11.28	American...	United States Navy.....	583.0	95.0	29.0	New York....	Callao.....				
Nevada ⁵	16	6.40	16	8.10	16	19.42	18	11.28	American...	United States Navy.....	583.0	95.0	29.0	New York....	Callao.....				
Huasco.....	13	13.35	16	8.23	16	18.51	16	19.50	Chilean....	South American Steamship Line.	379.0	44.0	21.8	Cristobal....	Valparaiso....	General.....	420	4,552	3,182
La Paz.....	15	6.17	16	8.38	16	19.56	17	19.38	British.....	Pacific Steam Navigation Co....	416.0	54.0	16.0	Rotterdam....	Valparaiso....	General.....	2,190	7,216	4,912
Knight Templar	15	16.55	16	9.09	16	20.49	16	21.57	British.....	Alfred Holt & Co.....	470.0	58.0	24.11	New York....	Shanghai....	General, cotton..	5,659		
Willhilo.....	15	23.45	16	10.00	16	21.35	16	22.32	American...	Williams Steamship Co.....	434.0	58.0	22.0	New York....	Los Angeles...	General.....	4,000	7,983	5,882
Salvador.....	11	12.50	16	9.43	16	20.54	16	22.04	British.....	Pacific Steam Navigation Co....	215.0	33.0	13.6	Cristobal....	Champerico...	General.....		1,213	692
Keifuku Maru..	16	7.15	16	10.18	16	21.45	16	22.53	Japanese...	Kawasaki Dockyard Co.....	385.0	51.0	27.7	Galveston....	Yokohama....	General.....	7,500	5,919	4,400
San Joaquin....	16	10.05	16	11.25	16	22.18	17	18.43	Norwegian..	W. Wilhelmsen.....	425.0	57.0	17.0	Tampico.....	Port San Luis.	Ballast.....		7,059	5,043

¹Launch, towing *San Blas*.²Cruiser.³Yacht.⁴Gunboat.⁵Battleship.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Tasmania.....	9	17.30	10	6.35	10	13.34	10	15.25	British.....	New Zealand Steamship Corp...	484.5	62.7	22.0	Lyttleton.....	London.....	(8)	4,382	9,460	6,605
Canadian Carrier.....	10	6.45	10	7.52	10	15.11	10	21.00	British.....	Canadian Government.....	319.6	44.2	20.0	Vancouver....	Montreal.....	Lumber.....	2,963	3,163	2,042
Waimate.....	9	23.30	10	7.59	10	15.30	10	15.30	British.....	New Zealand Shipping Co.....	420.0	54.0	19.6	Wellington....	London.....	(9)	3,156	7,198	5,425
Salvador.....	10	17.00	11	6.35	11	12.50	16	21.43	British.....	Pacific Steam Navigation Co....	215.0	33.5	16.8	Champerico....	Cristobal....	(10)	813	1,213	692
Eastern Sailor..	10	22.00	11	8.45	11	17.12	12	19.08	American...	Williams Dimond Co. (S. B.)...	415.0	55.6	28.0	Tacoma.....	Glasgow.....	General.....	8,690	7,704	5,707
Aurora ²	11	8.00	11	8.55	11	15.35	12	15.27	British.....	British Navy.....	436.0	39.0	15.0	Esquimalt....	Halifax.....				
Patriot ⁶	11	8.00	11	9.00	11	15.52	12	15.14	British.....	British Navy.....	265.0	25.1	9.2	Esquimalt....	Halifax.....				
Patrician ⁶	11	8.00	11	9.04	11	16.05	12	15.10	British.....	British Navy.....	265.0	25.1	9.0	Esquimalt....	Halifax.....				
Santa Elisa....	11	3.30	11	9.38	11	17.40	11	21.45	American...	W. R. Grace & Co.....	360.3	51.7	23.1	Talcahuano...	New York....	General.....	1,331	5,957	4,325
Junin.....	12	4.00	12	8.06	12	15.21	12	17.23	British.....	Pacific Steam Navigation Co....	391.5	50.2	25.0	Talcahuano...	London.....	General.....	5,303	5,930	4,395
Almirante ¹	12	6.00	12	8.13	12	15.25			Panaman...	Panaman Government.....				Panama.....	Colon.....				
Potosi.....	10	17.50	12	13.54	12	22.30	12	23.58	British.....	Pacific Steam Navigation Co....	381.0	49.0	23.0	Coronel.....	Europe.....	Grain, cotton, etc.	5,824	5,567	4,296
Huasco.....	11	23.00	13	6.19	13	13.35	16	20.23	Chilean....	Chilean Line.....	379.7	44.3	18.8	Valparaiso...	Cristobal....	General.....	225	4,552	3,182
Port Victor....	12	19.15	13	6.20	13	14.30	13	16.48	British.....	Commonwealth and Dom. Line..	470.0	58.2	25.6	Melbourne....	Hull.....	(9)	7,491	9,336	6,682
Sussex.....	13	7.40	13	8.26	13	17.55	13	20.35	British.....	Federal Steam Navigation Co....	420.0	54.0	27.0	Mauen.....	England.....	Phosphate.....	7,500	7,016	5,078
Buenos Aires...	13	8.37	13	10.52	13	18.45	15	21.55	Swedish....	Axel Axson Johnson.....	426.9	56.2	27.6	Vancouver....	La Havre....	(11)	8,041	7,591	5,661
South American	13	18.45	14	6.41	14	13.42	14	16.05	British.....	South American Steamship Co..	251.0	43.6	20.6	Arica.....	New York....	(12)	3,176	2,444	1,593
R-26 ⁷	6-12	15.02	14	7.40	14	14.40			American...	United States Navy.....	175.0	16.0		Balboa.....	Cristobal....				
Belridge.....	14	0.15	14	7.50	14	14.47	14	16.49	Norwegian..	W. Wilhelmsen.....	425.1	57.0	20.0	Tocopilla....	Port Arthur..	Ballast.....			
Ucayali.....	14	5.00	14	8.11	14	15.30			Peruvian...	Peruvian Line.....	374.7	46.3	18.6	Callac.....	Cristobal....	General.....	987	4,466	2,405
San Fernando..	14	5.12	14	9.02	14	16.40	14	16.40	British.....	Eagle Oil Transport. Co.....	530.4	69.4	23.0	Singapore....	Tampico.....	Ballast.....		13,266	9,609
San Jose.....	14	14.15	15	9.35	15	20.00			American...	Pacific Mail Steamship Co.....	283.6	37.0	14.0	San Francisco	Cristobal....	Coffee, general..	243	2,352	1,602
West Kedron...	15	9.47	15	10.32	15	21.35			American...	Williams Dimond Co. (S. B.)...	410.5	54.3	24.8	Portland.....	Immingham...	(13)	6,865	6,572	4,912
Bologna.....	15	14.00	16	6.30	16	16.10			Italian.....	La Veloce Line.....	384.9	46.7	18.6	Valparaiso...	Genoa.....	General.....	1,425	5,531	4,982
Point Bonita...	15	12.00	16	6.34	16	16.21			American...	Pacific Mail Steamship Co.....	289.0	44.1	19.1	San Francisco	Baltimore....	(14)	1,405	2,895	1,993
Gallie.....	16	3.19	16	8.01	16	17.35	16	18.30	British.....	White Star Line.....	450.0	58.0	22.0	Lyttleton.....	London.....	Frozen meat....	3,293	8,278	5,404

⁶ Destroyer. ⁷ Submarine. ⁸ Wool, tallow, and general. ⁹ Cold storage and general. ¹⁰ Coffee, hides, and balsam. ¹¹ Cotton seed, flour, barley, etc. ¹² Copper ore, nitrate, and walnuts.
¹³ Barley, flour, beans, etc. ¹⁴ Coffee, cotton, and general.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
July 10.....	Metapan.....	United Fruit Co.....	New Orleans.	July 10.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.
July 11.....	Heredia.....	United Fruit Co.....	New Orleans.	July 10.....	Metapan.....	United Fruit Co.....	Bocas del Toro.
July 12.....	Ulua.....	United Fruit Co.....	New York via Habana.	July 11.....	Hannibal.....	United States Navy.....	High seas.
July 12.....	Buenos Aires.....	Spanish Line.....	Barcelona.	July 11.....	Advance.....	Panama Railroad Steamship Line..	New York via Haiti.
July 13.....	Metapan.....	United Fruit Co.....	Bocas del Toro.	July 12.....	Cristobal.....	Panama Railroad Steamship Line..	Norfolk.
July 13.....	Columbia.....	N. O. and S. A. S. S. Line.....	New Orleans.	July 13.....	Columbia.....	N. O. and S. A. S. S. Line.....	New Orleans and Porto Barrios.
July 13.....	Santa Marta.....	United Fruit Co.....	New York via Jamaica.				
July 13.....	Sixaola.....	United Fruit Co.....	Puerto Colombia.	July 13.....	Metapan.....	United Fruit Co.....	New Orleans.
July 16.....	San Bruno.....	United Fruit Co.....	Port Limon.	July 13.....	Ulua.....	United Fruit Co.....	New York via Port Limon

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight July 23, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Canadian Farmer.....	16	13.00	17	6.21	17	14.30	17	15.35	British.....	Canadian Government.....	251.0	44.0	11.0	Tampico.....	Vancouver....	Ballast.....	.....	2,553	1,618
Tsurugisan Maru.....	15	23.32	17	6.23	17	15.33	17	17.05	Japanese....	Mitsui Bussan K. Kaisha.....	358.0	42.0	24.4	Galveston.....	Yokohama....	General.....	4,829	4,100	3,033
Venezuela.....	15	22.45	17	12.00	17	18.32	18	15.12	American...	Pacific Mail Steamship Co.....	380.0	49.0	22.0	Baltimore.....	San Francisco.	General.....	1,500	6,033	4,353
Atlanta City...	17	10.10	17	13.35	17	20.35	17	21.43	American...	Isthmian Steamship Line.....	424.0	56.0	27.0	Mobile.....	Dalney.....	General.....	7,612	7,539	5,448
Affinity ¹	15	.....	17	7.10	18	.....	.....	.....	American...	E. J. Hooper.....	.....	.....	.....	Cristobal.....	Balboa.....	.....	.....	.....	.....
Hector.....	16	21.40	18	6.09	18	18.20	19	3.19	Dutch.....	Royal Dutch W. I. Mail.....	322.0	44.0	20.2	Hamburg.....	Valparaiso....	General.....	3,200	3,677	2,717
Port Bowen....	17	6.26	18	6.35	18	18.55	18	19.54	British.....	Commonwealth and Dom. Line..	480.0	62.0	25.0	Liverpool.....	Auckland.....	General.....	3,447	10,745	7,849
Quillota.....	17	6.00	18	10.35	18	19.17	18	20.25	British.....	Pacific Steam Navigation Co....	361.0	46.0	19.1	New York....	Guayaquil....	General.....	541	4,768	2,956
Pacific ²	19	9.48	19	13.12	19	20.10	20	1.40	Swedish....	Johnson Steamship Line.....	362.0	51.0	16.6	Sweden.....	San Francisco.	General.....	2,181	5,360	4,089
Santa Ana.....	19	17.45	19	6.10	19	13.49	20	17.10	American...	W. R. Grace & Co.....	360.0	51.0	21.9	New York....	Talcahuano...	General.....	1,956	5,776	4,081
Julia Luckenbach.....	20	1.00	20	7.05	20	16.26	21	11.19	American...	Luckenbach Line.....	436.0	57.0	23.6	New York....	San Francisco.	General.....	4,325	8,543	6,427
Indien ²	20	5.05	20	8.10	20	17.08	20	18.06	Danish.....	Orient Steamship Line.....	390.0	53.0	14.5	Copenhagen...	San Francisco.	Ballast.....	.....	6,173	4,418
Ucayali.....	14	15.30	20	10.25	20	18.05	20	19.11	Peruvian...	Peruvian Line.....	374.0	46.0	18.1	Cristobal.....	Callao.....	General.....	313	4,466	2,405
West Camak...	20	2.35	20	11.30	20	18.40	20	19.30	American...	Williams Dimond Co. (S. B.)...	410.0	54.0	17.6	Liverpool.....	San Francisco.	General.....	2,100	6,622	4,880
Arabia ³.....	.....	.....	20	6.35	20	9.37	.....	.....	Panaman...	San Blas Trading Co.....	103.0	24.0	12.0	Cristobal.....	Gatun.....	.....	.....	123	69
Texan.....	21	12.30	21	7.11	21	14.54	21	16.00	American...	American-Hawaiian Line.....	471.0	57.0	19.5	New York....	Los Angeles...	General.....	2,547	9,154	7,033
San Ubaldo....	20	20.55	21	7.16	21	16.03	21	17.08	British.....	Eagle Oil Transport Co.....	412.0	53.0	25.5	Tampico.....	Valparaiso....	Gasoline, etc....	6,719	6,232	4,274
Duquesne.....	21	12.30	21	7.30	21	17.40	21	18.46	American...	Green Star Line.....	395.0	55.0	23.5	Port Arthur...	Canton.....	Kerosene.....	6,000	7,285	5,346
Springfield...	21	7.01	21	8.25	21	17.03	21	18.00	American...	N. Atl. and West. S. S. Co. (S. B.)	410.0	54.0	17.0	Philadelphia..	Seattle.....	General, steel...	1,900	6,576	4,971
Steel Mariner..	21	10.27	21	11.10	21	18.30	21	22.35	American...	United States Steel Products Co.	425.0	56.0	25.0	New York....	San Diego....	Steel, general...	7,200	7,539	5,448
Kentucky.....	21	8.00	21	12.30	21	20.09	21	20.59	British.....	Ellerman & Bucknall Line.....	447.0	56.0	26.6	New York....	Yokohama....	General.....	8,000	7,825	5,921
Cauca.....	17	14.34	22	6.04	22	13.54	22	15.15	British.....	Pacific Steam Navigation Co....	246.0	35.0	14.0	Cristobal.....	Guayaquil....	General.....	141	1,582	1,023
San Jose.....	15	20.10	22	6.05	22	15.30	22	18.30	American...	Pacific Mail Steamship Co.....	283.0	37.0	19.3	Cristobal.....	San Francisco.	General.....	1,658	2,352	1,602
Charlton Hall..	22	1.00	22	6.45	22	16.24	23	6.49	British.....	United States Steel Products Co.	400.0	50.0	24.9	Mobile.....	Seward.....	General.....	5,742	5,714	4,161
Orcoma.....	21	15.05	22	7.30	22	14.50	22	16.00	British.....	Pacific Steam Navigation Co....	511.0	62.0	24.9	Liverpool.....	Valparaiso....	General.....	1,500	12,267	7,942
Port Lincoln...	22	6.17	22	8.25	22	17.29	22	20.20	British.....	Commonwealth and Dom. Line..	426.0	54.0	25.3	New York....	Sydney.....	General.....	3,804	7,544	5,256
Palm Branch...	21	17.24	22	13.20	22	19.45	22	20.35	British.....	F. & W. Ritson.....	360.0	45.0	18.1	London.....	Valparaiso....	General.....	1,300	4,161	3,133
Vera Cruz ⁴ ...	6-28	4.40	23	9.35	23	18.15	24	1.15	Mexican...	Mexican Government.....	125.0	23.0	13.6	Vera Cruz....	Salina Cruz...	Ballast.....	.....	278	87
Mazatlan ⁴ ...	6-24	2.40	23	9.35	23	18.15	24	1.15	Mexican...	Mexican Government.....	125.0	23.5	12.0	Vera Cruz....	Salina Cruz...	.....	.....	278	87
Guayamas ⁴ ...	6-25	10.52	23	9.35	23	18.29	24	1.15	Mexican...	Mexican Government.....	125.0	23.5	12.0	Vera Cruz....	Salina Cruz...	Ballast.....	.....	278	87
Acapulco ⁴ ...	6-24	6.31	23	9.35	23	18.31	24	1.15	Mexican...	Mexican Government.....	125.0	23.5	12.0	Vera Cruz....	Salina Cruz...	Ballast.....	.....	278	87

¹ Launch.² Motor ship.³ Auxiliary schooner.⁴ Trawler.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Cauca.....	16	9.10	17	6.44	17	14.34	22	6.04	British.....	Pacific Steam Navigation Co....	246.0	35.2	13.3	Guayaquil....	Cristobal.....	(5)	588	1,582	1,448
Oak Branch....	16	10.05	17	6.49	17	15.50	17	21.52	British.....	Nautilus Steamship Co., Ltd....	385.0	49.8	23.0	Antofagasta...	Liverpool.....	General.....	6,086	5,209	4,031
Bendoran.....	16	18.20	17	7.56	17	17.00	17	18.35	British.....	Ben Line, Ltd.....	378.0	46.0	23.6	Portland.....	Hampton Rds.	Wheat.....	5,430	4,232	3,096
Boston Maru...	17	1.00	17	8.39	17	17.12	18	14.20	Japanese....	Kokusai Kisen Kaisha.....	400.0	53.0	25.0	Portland.....	Rotterdam....	Wheat, flour...	7,221	5,376	4,252
Ottar.....	17	10.30	17	11.51	17	18.50	18	16.06	Norwegian..	J. C. Knudsen.....	262.6	37.0	15.0	Guayaquil....	New York....	General.....	820	1,815	1,222
Maricopa.....	6-25	8.30	17	12.38	17	19.45	17	19.45	Norwegian..	W. Wilhelmsen.....	430.0	57.0	16.0	Tocopilla....	Tampico.....	Ballast.....	7,000	5,105	
Benvenue.....	17	14.50	18	7.54	18	20.45	18	23.35	British.....	Ben Line, Ltd.....	379.0	46.1	23.2	Portland.....	Limerick.....	Wheat.....	6,325	4,173	3,011
Leitrim.....	17	23.00	18	8.21	18	19.30	18	21.45	British.....	Union Steamship Co.....	470.0	60.2	24.6	Sydney.....	Liverpool....	General.....	4,600	10,050	6,794
Mobile City....	18	1.00	18	8.34	18	20.40	18	22.35	American...	Isthmian Steamship Co.....	395.5	55.0	26.0	Honolulu....	New York....	(6)	7,200	7,285	5,252
Barima.....	18	6.00	18	9.06	18	21.20	.....	.....	British.....	Pacific Steam Navigation Co....	220.0	37.0	12.1	Tumaco.....	Cristobal....	Colombian prod.	744	1,651	918
Brush.....	18	6.00	18	9.36	18	22.30	19	9.26	American...	N. Atl. & Western S. S. Co....	390.0	54.2	23.0	Tacoma.....	Poughkeepsie..	Lumber.....	5,172	6,161	4,433
Gen. O. H.																			
Ernst.....	18	7.00	18	10.32	18	19.22	21	14.20	American...	Panama Railroad Steamship Line	356.0	45.3	18.0	Buenaventura.	New York....	General.....	944	4,503	2,764
Honduras.....	18	7.00	18	10.55	18	22.05	19	19.43	French.....	French Line.....	389.9	51.3	22.0	Mollendo.....	Venezuela....	Hops.....	4,000	6,020	4,363
Knight Com-																			
panion.....	18	13.00	18	13.54	18	23.20	19	9.25	British.....	Alfred Holt & Co.....	470.4	58.0	26.6	Manila.....	Boston.....	General.....	8,000	8,546	6,263
Portsaid Maru.	18	18.15	19	6.31	19	20.20	19	20.50	Japanese....	Kokusai Kisen Kaisha.....	385.0	51.0	25.6	Kobe.....	Leghorn.....	Wheat.....	7,320	5,914	4,399
Whakatane....	20	5.30	20	7.30	20	17.35	20	17.35	British.....	New Zealand Shipping Co.....	420.0	54.0	25.0	Auckland.....	London.....	General.....	4,000	7,131	5,324
Tsushima Maru	20	7.30	20	9.14	20	18.54	20	20.36	Japanese....	Nippon Yusen Kaisha.....	445.0	58.0	18.6	Shanghai....	New York....	General.....	5,807	7,458	5,140
Balboa.....	21	6.35	21	8.06	21	14.50	24	11.25	American...	Colombian Maritime Co.....	100.0	29.1	14.1	Buenaventura.	Cristobal....	Coffee, books...	517	741	350
Meiwa Maru...	21	8.30	21	9.59	21	18.25	21	19.23	Japanese....	Taisho Kauin Kaisha.....	445.0	58.0	28.0	Portland.....	Norfolk.....	Wheat.....	8,800	8,299	5,979
Harry Lucken-																			
bach.....	21	21.00	22	8.05	22	17.40	22	17.40	American...	Luckenbach Line.....	448.9	60.2	28.0	San Pedro....	Philadelphia..	(7)	6,000	9,281	6,853
Laura C. Hall..	22	13.15	23	6.15	23	15.00	24	6.24	British.....	Pacific Metals Corporation.....	81.0	25.6	10.0	Buenaventura.	Cristobal....	(8)	25	132	72
Cape Romain..	22	15.20	23	6.28	23	14.50	23	14.50	American...	Alt. Gulf and Pacific S. S. Corp..	376.4	52.3	25.0	Astoria.....	Baltimore....	General.....	4,826	5,142	3,568
Huallaga.....	23	6.50	23	8.21	23	15.30	.....	.....	Peruvian...	Peruvian Line.....	360.0	44.7	18.2	Ilo.....	Cristobal....	General.....	1,219	4,514	2,386
Acajutla.....	23	11.00	23	11.31	23	17.52	.....	.....	British.....	Pacific Steam Navigation Co....	215.7	33.5	15.6	Champerico...	Cristobal....	General.....	966	1,273	706
Charles H.																			
Cramp.....	23	12.45	23	13.44	23	20.20	23	20.20	American...	Atl. Gulf & Pacific S. S. Corp. S. B.	404.6	53.9	26.0	Billingham....	Baltimore....	General, lumber.	6,500	6,755	4,750
Chile.....	19	6.00	23	14.45	23	21.43	.....	.....	British.....	Pacific Steam Navigation Co....	350.3	43.1	16.0	Valparaiso....	Cristobal....	General.....	172	4,065	2,668
Melville Dollar.	23	13.50	23	15.04	23	22.36	24	6.00	British.....	Canadian Robert Dollar Co....	370.0	50.0	24.1	Taku Bar....	New York....	General.....	6,585	5,153	3,938

⁵ Ivory nuts, hats, and general.

⁶ Sugar and pineapples.

⁷ Wool and canned goods.

⁸ Coffee and case of gold.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
July 17.....	Atenas.....	United Fruit Co.....	New Orleans.	July 17.....	Atenas.....	United Fruit Co.....	Bocas del Toro.
July 17.....	Caribbean.....	Panama Railroad Cattle Industry..	Cartagena.	July 18.....	Hannibal.....	United States Navy.....	High seas.
July 18.....	Solana.....	Pacific Mail Steamship Co.....	Tampico.	July 20.....	Solana.....	Pacific Mail Steamship Co.....	Tampico.
July 18.....	Gen. W. C. Gorgas...	Panama Railroad Steamship Line..	New York via Haiti.	July 20.....	Atenas.....	United Fruit Co.....	New Orleans.
July 19.....	San Gil.....	United Fruit Co.....	Boston.	July 20.....	Tolosa.....	United Fruit Co.....	New York.
July 19.....	Lima ²	Curacao Shipping Co.....	Curacao.	July 20.....	San Gil.....	United Fruit Co.....	Boston.

(Continued on page 796, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight July 30, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Laura ¹ C. Hall ¹ .	23	15.00	24	6.24	24	13.35	25	15.30	British....	Pacific Metals Corporation.....	81.0	25.0	9.0	Cristobal....	Buenaventura.	General.....	5	132	72
Gene Crawley..	24	10.30	24	11.23	24	18.50	24	20.19	American...	Sinclair Navigation Co.....	305.0	44.0	24.0	Tampico.....	Corinto.....	Crude oil.....	4,545	3,332	2,512
Balboa.....	21	14.50	24	11.25	24	17.56	24	19.00	American...	Colombian Maritime Co.....	190.0	29.0	11.0	Cristobal....	Buenaventura.	Ballast.....	741	350	
Cauyco No. 2350	.....	.....	24	.....	24	12.08	.....	.....	American...	E. B. Sipe.....	.....	.....	.....	Cristobal....	Gatun.....	.....	.....	.....	.....
Canadian Prospector.....	24	19.10	25	6.36	25	13.43	25	14.55	British....	Canadian Government.....	400.0	52.4	17.8	Alexandria...	Vancouver....	.....	5,858	4,033	
Theodore Roosevelt ² ...	25	17.30	25	6.58	25	14.30	25	15.22	Norwegian..	Fred Olsen & Co.....	426.0	56.0	21.0	Antwerp.....	San Francisco.	General.....	5,400	7,593	5,637
Saint Joseph...	24	12.34	25	11.39	25	18.19	25	19.30	French.....	Cie. Generale Transatlantique...	398.0	50.0	15.0	Antwerp.....	Valparaiso....	General.....	205	5,979	4,170
Canadian Conqueror...	25	11.39	25	12.15	25	19.29	26	10.20	British....	Canadian Government.....	400.0	52.0	22.6	New York....	Bristol.....	Oil and general..	5,154	5,954	4,127
S. C. 285.....	.....	.....	25	10.10	25	18.10	26	2.30	American...	United States Navy.....	.....	.....	.....	Cristobal....	Balboa.....	.....	.....	.....	.....
Dorset.....	26	11.27	26	12.40	26	20.30	27	7.33	British....	Federal Steam Navigation Co...	460.0	58.0	27.6	Liverpool....	Auckland.....	General.....	4,200	9,188	6,581
Corona ³	26	16.32	27	11.46	27	16.33	.....	.....	American...	F. E. Davis.....	104.0	15.0	6.0	New York....	San Diego....	Ballast.....	83	13	
Amazon Maru..	27	12.52	27	13.18	27	21.05	27	22.14	Japanese...	Osaka Shosen Kaisha.....	425.0	56.0	25.0	New York....	Manila.....	General.....	6,676	7,901	5,629
Chile.....	23	21.43	28	6.18	28	12.53	28	14.45	British....	Pacific Steam Navigation Co....	350.0	43.0	18.3	Cristobal....	Valparaiso....	General.....	4,065	2,668	
Rimutaka.....	28	9.59	28	10.39	28	17.46	29	0.40	British....	New Zealand Shipping Co.....	457.0	58.0	25.0	London.....	Wellington...	General.....	1,800	9,159	6,883
S. C. 284.....	25	15.08	28	9.30	28	14.48	.....	.....	American...	United States Navy.....	.....	.....	.....	Cristobal....	Balboa.....	.....	.....	.....	.....
West Haven...	28	19.55	29	6.20	29	14.26	29	15.30	American...	Atlantic Gulf Steamship Co....	409.0	54.0	22.0	New York....	San Francisco.	General.....	6,088	6,665	5,020
Acajutla.....	23	17.52	30	9.55	30	16.18	30	17.10	British....	Pacific Steam Navigation Co....	215.7	33.5	14.1	Cristobal....	Champerico...	General.....	1,273	706	
Asia ²	30	9.15	30	13.21	30	19.53	30	20.57	Danish.....	East Asiatic Steamship Co.....	425.3	55.2	.....	Copenhagen...	San Francisco.	General.....	2,941	7,396	5,588

¹ Motor schooner.² Motor ship.³ Yacht.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Steel Inventor..	24	13.15	24	14.09	24	21.48	25	2.03	American...	United States Steel Products Co.	441.0	56.2	27.6	San Francisco.	United King..	General.....	7,600	7,539	5,448
Duendes.....	24	23.30	25	7.40	25	15.30	25	16.40	British....	Pacific Steam Navigation Co....	390.0	50.0	24.0	Coronel.....	London.....	(4)	5,312	6,014	4,494
S. C. 284.....	.....	.....	25	8.11	25	15.08	29	9.30	American...	United States Navy.....	110.0	16.0	.....	Balboa.....	Cristobal....	.....	.....	.....	.....
Munaires.....	26	1.00	26	7.41	26	14.30	26	16.50	American...	Munson Line.....	370.0	53.1	23.6	Raymond....	New York....	Lumber.....	5,154	5,577	4,225
Manavi.....	26	20.30	27	7.43	27	15.10	1	6.23	British....	Pacific Steam Navigation Co....	216.0	35.1	13.9	Guayaquil...	Cristobal....	General.....	227	1,357	884
Jamaica.....	28	0.40	28	7.31	28	13.55	31	12.00	British....	Pacific Steam Navigation Co....	220.0	34.0	10.2	Tumaco.....	Cartagena....	General.....	296	1,187	622
S. C. 285.....	28	12.04	29	7.12	29	16.15	.....	.....	American...	United States Navy.....	110.0	16.0	.....	Sea.....	Cristobal....	.....	.....	.....	.....
Yosemite.....	28	22.30	29	8.15	29	16.50	31	1.30	American...	Thorndyke & Trenholm (S. B.)..	402.6	53.0	24.6	Portland.....	Dublin.....	Wheat.....	6,678	6,604	4,969

⁴ Grain, wool, hides, ores, bark, and beeswax.

Aysen.....	29	4.00	29	8.22	29	17.38	.....	Chilean.....	Chilean Line.....	379.6	44.3	19.0	Valparaiso....	Cristobal.....	General.....	470	4,535	3,068
Banffshire.....	29	5.00	29	8.42	29	19.00	29 21.07	British.....	Turnbull, Martin & Co.....	430.0	53.5	24.0	Melbourne....	London.....	(9)	5,678	6,772	4,604
Surrey.....	29	5.15	29	9.01	29	20.10	29 22.00	British.....	Federal Steam Navigation Co....	400.4	62.8	25.6	Lyttleton....	London.....	Frozen, general..	6,985	10,000	7,285
Kirkcudbright- shire ⁵	28	23.30	29	9.55	.....	.....	.....	British.....	Thomas Law & Co.....	250.0	38.3	21.6	Asia Island...	London.....	Guano.....	2,350	1,584	1,427
Pallas.....	29	10.00	29	12.24	29	20.50	29 22.05	British.....	Swayne & Hoyt (S. B.).....	380.5	53.1	20.0	San Francisco.	Buenos Aires..	(10)	3,530	5,659	4,174
Arizonan.....	29	12.20	29	13.09	29	22.10	30 2.30	American.....	American-Hawaiian Line.....	470.1	57.2	30.0	Hawaiian Isls.	New Orleans..	Sugar.....	13,000	9,158	6,969
Swifteagle.....	27	12.35	30	7.39	30	17.18	.....	American.....	Swiftsure Transport Co.....	464.6	60.2	25.6	Portland.....	Falmouth ⁸	Wheat.....	10,033	8,473	5,997
Orion ⁶	29	19.00	30	7.53	30	16.39	1 11.43	American.....	United States Navy.....	514.0	65.0	18.1	Puget Sound..	Hampton R'ds	Navy supplies...	200	.....	.....
Transvaal.....	30	2.00	30	10.48	30	18.58	30 20.10	Danish.....	Orient Steamship Co.....	349.8	49.7	24.0	Seattle.....	Bremen.....	General.....	6,283	4,853	3,476
R-24 ⁷	6-12	15.00	30	12.20	30	20.50	.....	American.....	United States Navy.....	175.0	16.0	.....	Balboa.....	Cristobal.....	.....	.....	.....	.....
Manulani.....	29	22.45	30	12.27	30	20.46	30 20.46	American.....	Matson Navigation Co.....	480.6	62.2	30.9	Hilo.....	Philadelphia..	Sugar.....	13,105	10,317	7,563
Quillota.....	30	14.30	30	15.01	30	21.45	.....	British.....	Pacific Steam Navigation Co....	361.4	46.2	18.0	Guayaquil....	New York....	General.....	976	4,768	2,956

⁵ Sailer.⁶ Collier.⁷ Submarine.⁸ For orders.⁹ Cold storage and general.¹⁰ Rice, beans, lumber, and general.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
July 24.....	Coppename.....	United Fruit Co.....	New Orleans.	July 24.....	Coppename.....	United Fruit Co.....	Bocas del Toro.
July 25.....	Abangarez.....	United Fruit Co.....	New Orleans.	July 25.....	Hannibal.....	United States Navy.....	High seas.
July 26.....	Calamares.....	United Fruit Co.....	New York.	July 25.....	Varg.....	P. Johannessen.....	New York.
July 27.....	Astmahco III.....	Astmahco Navigation Co.....	Colorado Bar.	July 27.....	Coppename.....	United Fruit Co.....	New Orleans.
July 27.....	Coppename.....	United Fruit Co.....	Bocas del Toro.	July 27.....	Calamares.....	United Fruit Co.....	New York via Port Limon.
July 27.....	Tivives.....	United Fruit Co.....	New York.	July 27.....	Abangarez.....	United Fruit Co.....	New Orleans via Bocas del Toro.
July 28.....	Turrialba.....	United Fruit Co.....	New York.	July 28.....	Tivives.....	United Fruit Co.....	New York via Colombia.
July 28.....	Caribbean.....	Panama Railroad Cattle Industry	Cartagena.	July 28.....	Turrialba.....	United Fruit Co.....	New York via Kingston.
July 28.....	Alexandrian.....	F. Layland & Co.....	Liverpool.	July 29.....	Colon.....	Panama Railroad Steamship Line.	New York via Port au Prince.
July 30.....	St. Mihiel ¹¹	United States Army.....	New York via San Juan.	July 30.....	Alexandrian.....	F. Layland & Co.....	New Orleans.
July 30.....	San Pablo.....	United Fruit Co.....	Boston via Habana.				
July 30.....	Puerto Rico.....	French Line.....	St. Nazaire via wayports.				
July 30.....	U. S. S. Hannibal....	United States Navy.....	Porto Bello.				

¹¹ U. S. Army transport.

PORT OF BALBOA.

July 24.....	Silverado.....	General Steamship Corp. (S. B.)...	Callao.	July 24.....	Silverado.....	General Steamship Corp. (S. B.)...	San Francisco.
July 24.....	Wallingford.....	General Steamship Corp. (S. B.)...	Los Angeles.	July 26.....	Wallingford.....	General Steamship Corp. (S. B.)...	Valparaiso.

*Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight August 6, 1921.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Myrmidon.....	30	14.55	31	6.25	31	13.10	31	14.25	British.....	Alfred Holt.....	391.0	49.0	18.0	London.....	Tacoma.....	General.....	1,100	5,221	3,257
Artigas.....	31	7.07	31	7.24	1	13.23	6	7.40	American...	N. Atl. & West. S. S. Co. (S. B.)...	390.0	54.0	18.0	Philadelphia..	Seattle.....	General.....	1,067	6,161	4,427
Moerdijk.....	31	9.08	31	13.30	31	19.44	31	20.39	Dutch.....	Holland-American Line.....	471.0	60.0	18.1	Rotterdam....	Vancouver....	General.....	1,600	9,165	6,911
Manavi.....	27	15.10	1	6.23	1	14.25	1	15.55	British.....	Pacific Steam Navigation Co.....	216.0	35.0	12.0	Cristobal.....	Guayaquil....	General.....	111	1,357	884
Borneo Maru..	1	12.15	1	7.36	1	15.18	1	16.35	Japanese...	Osaka Shosen Kaisha.....	385.0	51.0	21.6	New York.....	Kobe.....	General.....	3,374	5,919	4,387
Wilfred.....	1	6.29	1	8.03	1	16.01	1	17.05	Norwegian..	A. S. Det Seimerske Rederi.....	339.0	48.0	20.6	Hamburg.....	Corral.....	General and coal	3,611	4,069	3,107
Neptune ¹	30	15.32	1	11.10	1	18.33	2	14.27	American...	United States Navy.....	520.0	65.0	30.6	Norfolk.....	Puget Sound..	Coal and general	11,558		
Sarpfos.....	31	19.15	1	11.47	1	19.27	1	20.27	Norwegian..	Thor Thorsen Line.....	254.0	39.0	12.1	New York.....	Guayaquil....	General.....	81	2,064	1,479
Pinola ²	31	18.05	1	12.08	1	19.29			American...	United States Navy.....				Cristobal.....	Balboa.....				
Thorbjorg.....	1	18.45	2	6.20	2	14.32	4	14.00	Norwegian..	Johan Waage Bergen.....	285.0	43.0	16.0	Dunkirk.....	San Francisco.	Ballast.....		2,113	1,328
Huallaga.....	23	15.30	2	6.25	2	13.53	2	19.50	Peruvian...	Peruvian Steamship Line.....	360.0	44.7	20.0	Cristobal.....	Callao.....	General.....	168	4,514	2,386
American.....	2	6.00	2	7.05	2	14.49	2	16.08	American...	American-Hawaiian Line.....	467.0	51.0	21.1	Boston.....	Tacoma.....	General.....	2,560	5,988	4,226
Cristobal.....	1	19.20	2	8.00	2	16.15			American...	Panama Railroad Steamship Line	489.0	60.0	28.1	Norfolk.....	Balboa.....	Coal and general	9,441	10,697	8,063
Easterner.....	2	9.21	2	13.10	2	20.20	3	4.00	American...	U. S. A. Line (S. B.).....	385.0	51.0	27.0	New York.....	Melbourne....	Oil and general..	8,000	5,945	4,524
Neches ¹	2	13.52	3	6.00	3	13.03			American...	United States Navy.....	476.0	56.0	27.3	Norfolk.....	Balboa.....	Oil and stores...	771		
Solana.....	2	19.54	3	6.18	3	15.17	3	17.57	American...	Pacific Mail Steamship Co.....	435.0	56.6	28.0	Tampico.....	Iquique.....	Oil.....	10,000	7,043	5,041
Seattle Maru..	2	16.30	3	6.21	3	13.56	3	15.05	Japanese...	Osaka Shosen Kaisha.....	410.0	51.0	23.6	Buenos Aires..	Kobe.....	General.....	3,377	6,226	4,001
Canadian Traveller....	2	19.30	3	7.10	3	15.35	3	16.41	British.....	Canadian Government.....	399.0	52.0	21.0	Port of Spain..	Vancouver....	Sugar.....	2,000	5,894	4,143
Grelisle.....	3	6.26	3	8.35	3	16.29	3	17.32	British.....	Goulds S. S. Industrial, Ltd.....	400.0	52.0	20.9	London.....	San Francisco.	Ballast.....		5,671	4,017
Aysen.....	29	17.38	4	6.10	4	13.07	4	14.00	Chilean.....	South American Steamship Line.	379.0	44.0	20.6	Cristobal.....	Valparaiso....	General.....	1,099	4,535	3,068
Durban Maru..	3	19.15	4	6.15	4	14.28	4	15.40	Japanese...	Nippon Yusen Kaisha.....	420.0	56.0	25.1	Galveston....	Kobe.....	General.....	6,607	7,445	5,345
Hampton Roads	4	9.51	4	10.15	4	18.11			American...	Walker & Daley (S. B.).....	430.0	59.0	26.6	Tampico.....	Balboa.....	Crude oil.....	9,000	8,093	5,940
Argosy.....	4	6.44	4	11.00	4	19.04	4	19.56	American...	Wessel Duval & Co. (S. B.).....	390.0	54.0	18.0	New York.....	Talcahuano...	General.....	1,600	6,161	4,433
Athenic.....	3	17.32	4	10.35	4	18.20	4	19.15	British.....	White Star Line.....	500.0	63.0	26.11	London.....	Wellington....			12,896	9,571
K. I. Luckenbach.....	4	6.44	4	13.07	4	19.37	4	20.25	American...	Luckenbach Line.....	446.0	56.0	21.9	Philadelphia..	San Francisco.	General.....	4,600	8,552	6,236
Apus.....	4	23.30	5	6.58	5	13.11	6	7.33	American...	E. C. Evans & Sons (S. B.).....	410.0	53.6	16.3	Limerick.....	San Francisco.	Ballast.....		7,082	5,167
Republic.....	5	4.50	5	7.20	5	14.57	5	19.35	American...	Chile Steamship Co.....	345.0	49.0	18.1	New York.....	Valparaiso....	Coke and general	2,542	4,623	3,372
Mineola.....	5	6.04	5	13.10	5	19.25	5	21.00	American...	W. R. Grace & Co.....	298.0	40.0	17.3	New York.....	Salaverry....	General.....	1,015	2,835	1,822
Mantaro.....	1	15.25	6	6.15	6	14.46	6	16.20	Peruvian...	Peruvian Steamship Line.....	360.0	46.0	19.6	Cristobal.....	Ilo.....	General.....	124	4,838	2,959
Willsolo.....	5	14.05	6	6.18	6	13.39	6	14.42	American...	Williams Steamship Co.....	434.0	57.0	20.0	Newport News	Los Angeles...	General.....	4,000	7,983	5,882
Pinola ²	2	22.00	6	7.30	6	15.15	7	7.25	American...	United States Navy.....	165.0	35.0	17.0	Cristobal.....	Balboa.....				
Glenpool.....	6	10.13	6	10.35	6	17.47			American...	Standard Oil Co.....	401.0	53.0	26.4	Baton Rouge..	Balboa.....	Crude oil.....	7,000		

¹ Collier.² Tug, towing barges.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Pomona	30	14.50	31	6.31	31	14.18	5	14.15	American	Williams Dimond Co. (S. B.)	440.0	56.0	27.6	San Francisco	Antwerp	General	10,000	8,301	6,026
Ulysses	30	10.15	31	6.48	31	15.16	2	22.40	Dutch	Royal Netherlands W. I. Mail	343.0	42.0	20.6	Valparaiso	Havre	General	2,479	4,145	3,057
West Keene	31	4.00	31	8.32	31	16.15	31	16.15	American	N. Atl. & West. S. S. Co. (S. B.)	410.5	54.0	16.10	San Francisco	Portland	(6)	1,821	6,547	4,876
Wm. G. Ward- en	31	7.40	31	10.39	31	17.20	31	18.12	American	Standard Oil Co. of N. J.	500.0	68.2	18.0	Port Lobos	Tampico	Ballast	10,503	7,909	
Pinola	31	13.15	31	13.45	31	18.55	1	12.08	American	United States Navy	165.0	35.0	17.0	San Pedro	Cristobal				
China Maru	31	22.00	1	7.55	1	15.42	1	15.54	Japanese	Kawasaki Kisen Kaisha	385.0	51.0	26.0	Portland	Hampton Rds.	Wheat	7,639	5,924	4,395
Mantaro	1	1.00	1	8.26	1	15.25	6	6.15	Peruvian	Peruvian Line	367.3	46.0	18.0	Callao	Cristobal	General	1,627	4,838	3,959
Santa Luisa	1	1.30	1	10.00	1	16.27	1	23.27	American	W. R. Grace & Co.	360.2	51.6	22.6	Talcahuano	New York	General	2,574	5,694	3,975
Suffolk	1	8.00	1	10.08	1	18.36	1	22.20	British	Federal Steam Navigation Co.	460.0	58.5	24.0	Sydney	Liverpool	(7)	5,300	8,975	6,457
Garfield	1	13.45	1	14.00	1	20.40	2	10.20	American	Grace Line, Inc.	299.4	45.0	19.0	Salaverry	New York	General	803	3,228	2,010
Alaskan	1	17.25	2	6.19	2	13.55	2	13.55	American	American-Hawaiian Line	470.1	57.2	23.0	Seattle	New York	General	6,000	9,250	6,901
Marie			2	7.00					American	John Morlik				Balboa	Gatun				
Peshawur	2	6.00	2	8.59	2	15.58	2	17.37	British	Peninsuli and Oriental Co.	449.5	58.4	23.5	Wellington	London	Frozen, general	2,852	8,175	5,342
Hokkai Maru	2	8.40	2	10.08	2	18.40	2	20.40	Japanese	Taisho Kaiun Kabushiki	369.5	49.8	22.3	Ocean Island	Norfolk	Guano	5,450	4,823	3,462
Lake Gunni	2	0.30	2	10.26	2	19.08	3	12.01	American	Swayne & Holt (S. B.)	253.0	42.8	20.0	San Francisco	New Orleans	General, lumber	2,000	2,915	2,005
Gene Crawley	1	22.00	2	13.38	2	20.45	3	12.01	American	Sinclair Navigation Co.	304.7	43.7	14.0	Corinto	Tampico	Ballast		3,332	2,512
Pinola	1	19.29	2	14.38	2	22.00	6	7.30	American	United States Navy	165.0	35.0	17.0	Balboa	Cristobal				
Hayo Maru	2	12.59	3	6.32	3	14.15	3	14.15	Japanese	Toyo Kisen Kaisha	400.0	53.0	26.0	Valparaiso	New Orleans	Nitrate of soda	6,814	6,186	4,446
Woodarra	2	23.50	3	7.54	3	15.25	3	17.05	British	British India Steamship Co.	449.5	58.2	22.6	Auckland	London	Frozen, general	3,500	8,238	5,313
Lewis Luck- enbach	3	4.30	3	9.58	3	17.57	3	17.57	American	Luckenbach Line	496.0	68.2	25.0	San Francisco	New York	General	7,057	11,487	8,732
Mamari	3	9.30	3	10.35	3	19.30	3	21.15	British	Shaw, Savill & Albion Co.	455.4	56.4	26.6	Brisbane	London	(7)	4,887	8,641	6,016
Clemence C. Morse	3	18.15	4	6.25	4	14.32	4	20.00	American	N. Atl. & West. S. S. Co. (S. B.)	402.6	53.2	20.0	Portland, Oreg	Portland, Me.	General	4,200	6,571	4,853
Balboa	4	10.54	4	12.05	4	18.55	6	21.15	American	Colombian Maritime Co.	190.0	29.1	14.6	Buenaventura	Cristobal	(8)	566	741	350
Salvador	5	6.55	5	9.03	5	15.05			British	Pacific Steam Navigation Co.	215.0	33.0	15.0	Champerico	Cristobal	(9)	677	1,213	672
Colombia	5	4.00	5	12.14	5	18.45	6	13.44	American	Pacific Mail Steamship Co.	380.0	48.7	21.0	San Francisco	Baltimore	General	2,883	6,015	4,281
Cuba	5	17.00	6	6.28	6	14.45			American	Pacific Mail Steamship Co.	307.7	42.2	24.7	San Francisco	Cristobal	General	1,600	3,429	2,206
Quilpue	5	13.40	6	6.40	6	14.40	7	13.20	British	Pacific Steam Navigation Co.	361.0	46.2	21.6	Coronel	New York	General	2,277	4,742	3,023
Robin Good- fellow	6	1.00	6	7.52	6	15.00	6	15.00	American	Robin Steamship Co.	424.8	55.2	21.6	Tacoma	Boston	General	5,000	7,473	5,624
Karama	6	2.00	6	7.57	6	16.00	6	17.10	British	Shaw, Savill & Albion Co.	420.0	54.0	21.6	Dunedin	London	(10)	3,611	7,106	5,073
Gurth	6	0.35	6	8.35	6	16.15	6	18.45	Norwegian	Det. Belmerske Rederi	366.0	49.8	21.6	Talcahuano	London	General	5,256	4,358	3,356
Chile	6	9.25	6	10.03	6	17.24	6	19.50	Danish	East Asiatic Co.	425.3	55.2	29.3	San Francisco	Antwerp	General	9,290	7,382	5,663
Hampton Roads	4	18.11	6	11.22	6	18.46	6	18.46	American	Walker & Daley (S. B.)	431.0	59.2		Balboa	Tecomate, Mex	Ballast			
Laura C. Hall	6	0.31	6	12.38	6	20.45			British	Pacific Metals Corporation	81.0	25.6	10.0	Buenaventura	Cristobal	Coffee, platinum	67	132	72
Willpolo	6	11.30	6	13.22	6	20.23	6	20.23	American	Williams Steamship Co.	386.8	52.2	22.6	San Francisco	New York	General	5,773	5,680	4,112

1 Tug. 4 Launch. 5 Motor ship. 6 Wood and canned goods. 7 Cold storage and general. 8 Coffee, hats, ivory nuts, and rubber. 9 Coffee, hides, balsam, etc. 10 Frozen, wool, tallow, oats, etc.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

(Continued on page 320, column 2)